TRANSNET

INDEX AND DIAGRAMS OF GOODS VEHICLES PART I OPEN AND COVERED WAGONS

INDEKS EN DIAGRAMME VAN GOEDEREVOERTUIE DEEL I OOP- EN TOE TROKKE

1 065 GAUGE
SPOORWYDTE

FOR TANK WAGONS SEE PART II
FOR NON REVENUE EARNING VEHICLES (TYPES N AND V) SEE PART III

VIR TENKTROKKE KYK DEEL II
VIR NIE-INKOMSTEDRAENDE VOERTUIE (TIPES N-EN V) KYK DEEL III

GENERAL MANAGER
(Rolling Stock)
SPOORNET
Anker Building
VERWOERDBURGSTAD
P.O.Box 23
JOHANNESBURG STATION
2134

HOOFBESTUURDER
(Rollende Materiaal)
SPOORNET
Ankergebou
VERWOERDBURGSTAD
Posbus 23
JOHANNESBURGSTASIE
2134

ISSUED / UITGEREIK 91-07-30
REFERENCE / VERWYSING S/RM(WW) 15/8/5/3

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INDEKS EN DIAGRAMME VAN GOEDEREVOERTUIE
DEEL I
OOP- EN TOETROKKE

GAUGE
1065
SPOORWYDTE

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DATE : 91-07-30

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KOPIEREGVERKLARING : KOPIëRING OF HERDRUK
TOEGELAAT SLEGS VIR TRANSNET DOELEINDES.

ISBN 1-86805-005-X

NOTICE TO STAFF

1. Alterations to this book will be published periodically in the Summary of Alterations.
   Amendments, new and reprinted pages are issued to Business units/Business concerns.

2. Staff concerned are responsible for keeping their copies of this book up to date.

3. The General Manager (Rolling Stock) should be notified of any discrepancies.

4. Officers should apply to their respective Business units /Business concerns for amendments, new and reprinted pages for this book.

KENNISGEWING AAN PERSONEEL

1. Veranderings aan hierdie boek sal van tyd tot tyd in die Opsomming van Veranderings verskyn.
   Wysigings, nuwe en herdrukte bladsye sal aan die betrokke Besigheidseenhede/Besigheidsondernemings uitgereik word.

2. Die betrokke personeel is verantwoordelik om die eksemplare in hul besit bygewerk te hou.

3. Teenstrydighede moet onder die aandag van die (Hoofbestuurder (Rollende Materiaal) gebring word.

4. Amptenare moet by hulle onderskeie Besigheidseenhede/ Besigheidsondernemings aansoek doen vir wysigings, nuwe en herdrukte bladsye vir hierdie boek.

STANDARD DATA APPLICABLE TO WAGON STOCK UNLESS STATED OTHERWISE

Coupler Height:-	895 ± 6
Wheel Diameter:-	0 863 ± 5
Vacuum:-	54 Kilopascals in cylinder
Air:-	345 Kilopascals in cylinder

STANDAARDDATA VAN TOEPASSING OP TROKKE BEHALWE WAAR ANDERS GEMELD

Koppelaarhoogte:-	895 ± 6
Wieldiameter:-	0 863 ± 5
Vakuum:-	54 Kilopascal in silinder
Druklug:-	345 Kilopascal in silinder

BRAKE SYSTEM

Brake percentage for wagons fitted with dual brake system are given with change-over lever in the empty and loaded positions respectively.

The symbol against the brake system denotes:-

V-Vacuum, L-Air, D-Dual Power Manually operated, A-Dual Power Automatically operated, R-Slack Adjuster.

REMSTELSEL

Rempersentasie vir trokke met tweekragremstelsel word aangedui met die oorskakelhefboom onderskeidelik in leeg en gelaaide stand.

Die simbool teenoor die remstelsel dui aan :-

V-Vakuum , L-Lug , D-Tweekrag Handbediening, A-Tweekrag Outomatiese bediening, R-Remversteller.

DRAWGEAR EQUIPMENT

The symbol against the drawgear equipment denotes:-

KK Coupler hydraulic cushioning device.
SSC Centre sill hydraulic cushioning device.

TREKWERKUITRUSTING

Die simbool teenoor die trekwerkuitrusting dui aan :-

KK Koppelaar hidrouliese kussinginrigting.
SSC Middelbalk hidrouliese kussinginrigting.

WAGON CODE

D In position 2, 3 or 4 denotes:- Dual Power Vacuum Brake.
L In position 2, 3 or 4 denotes:- Air Brake
R In position 2, 3 or 4 denotes:- Dual Power Air Brake.
V In position 3 or 4 denotes:- Vacuum Brake
J In position 2, 3 or 4 denotes:- Vacuum Brake System and Rejection Lugs on Brake Shoes

TROKKODE

D In posisie 2, 3 of 4 dui aan:- Tweekragvakuumrem.
L In posisie 2, 3 of 4 dui aan:- Druklugrem.
R In posisie 2, 3 of 4 dui aan:- Tweekragdruklugrem.
V In posisie 3 of 4 dui aan:- Vakuumrem.
J In posisie 2, 3 of 4 dui aan:- Vakuumremstelsel en Uitskotore op Remskoene.

REVISION / HERSIENING								REFERENCE / VERWYSING	S/RM(WV) 15/8/5/5
DATE / DATUM									

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CLASSIFICATION - KLASSIFIKASIE

VEHICLE NUMBERS VOERTUIGNOMMERS	DESCRIPTION BESKRYWING	TYPE TIPE
10-012 001/10-999 981		
11-010 002/11-999 998		
12-010 006/12-999 997	Refrigerator wagons. Koeltrokke.....	LO
13-010 018/13-999 999	Fish wagons. Vistrokke.....	PZ
14-011 018/14-999 994	Dairy wagons. Suiweltrokke.....	TZ
15-010 007/15-599 981	Mechanical Refrigerator wagons (With meat hooks). Meganiese Koeltrokke (Met Vleishakke).....	LA, LAJ, LALJ
15-600 009/15-999 998	Mechanical Refrigerator wagons. Meganiese Koeltrokke.....	L, LJ
16-010 000/16-999 991	Well wagons. Puttrokke.....	U
17-011 000/17-059 992	Flat wagons. Plattrokke.....	S
17-061 075/17-099 997	Flat wagons with sides and end stanchions. Plattrokke met sy- en entstanders.....	SSLJ
17-100 003/17-199 999	Flat wagons with ends and stanchions. Plattrokke met ente en standers.....	ST, STJ, STLJ
17-200 008/17-299 993	Flat wagons with ends and stanchions. Plattrokke met ente en standers.....	STD, STJ
17-300 002/17-599 997	Flat wagons with ends and movable canopy. Plattrokke met ente en skuifbare kap.....	SPLJ
17 600 006/17-649 994	Flat wagons. (Motorcar transport). Plattrokke. (Motorkar vervoer).....	SC, SCJ
17-650 003/17-699 991		
17-700 000/17-729 998	Flat wagons. (Motorcar transport). Plattrokke. (Motorkar vervoer).....	SCL
17-730 007/17-749 999	Flat wagons. (Motorcar transport). Plattrokke. (Motorkar vervoer).....	SCLU
17-800 005/17-849 993	Flat wagons with fixed ends. Plattrokke met vaste ente.....	SB, SBJ, SBLJ

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CLASSIFICATION - KLASSIFIKASIE

VEHICLE NUMBERS VOERTUIGNOMMERS	DESCRIPTION BESKRYWING	TYPE TIPE
17-850 002/17-899 990	Flat wagons with stanchions and adjustable ends. Plattrokke met standers en verstelbare ente.....	SF, SFJ
18-010 008/18-999 999	Tank wagons. See Part II Tenktrokke. Kyk Deel II	
19-010 001/19-999 992	Explosive wagons. Trokke vir ontplofbare stowwe.....	QZ, QZJ, QAJ, QZLJ, QB, QCJ
20-010 001/20-099 999		
20-100 000/20-199 996		
20-200 005/20-999 992		
21-010 005/21-999 996		
22-010 009/22-399 992	Open wagons with side stanchions and fixed ends Ooptrokke met systanders en vaste ente.....	DAZ, DAJ
22-014 454/22-015 507	Dropsided wagons. Valkanttrokke.....	DAJ-5
22-500 006/22-999 981		
23-010 002/23-249 994	Flat wagons for container traffic. Plattrokke vir houerverkeer.....	SH, SHJ, SHLJ
23-250 003/23-499 990	Flat wagons for container traffic. Plattrokke vir houerverkeer.....	SHL, SHR
23-500 018/23-699 981	Flat wagons for container traffic. Plattrokke vir houerverkeer.....	SHD, SHJ
23-700 009/23-799 995		
23-800 003/23-999 993	Flat wagons for container and freight bins. Plattrokke vir houer verkeer en vragbakke.....	SMJ, SML, SMLJ, SMR
24-010 006/24-499 997		
24-500 003/24-999 997	Dropsided wagons for steel. Valkanttrokke vir staal.....	DSJ
25-010 018/25-999 990		

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CLASSIFICATION - KLASSIFIKASIE

VEHICLE NUMBERS VOERTUIGNOMMERS	DESCRIPTION BESKRYWING	TYPE TIPE
26-010 003/26-999 994	Dropsided wagons. Valkanttrokke.....	DJ, DLJ
27-010 007/27-999 998		
28-010 000/28-999 991		
29-010 004/29-999 995		
30-010 004/49-999 990	Tank wagons. See Part II Tenktrokke. Kyk Deel II	
50-013 009/50-999 990		
51-010 003/51-899 981	Dropsided wagons. Valkanttrokke.....	DZ, DZA, DZJ
51-900 009/51-989 999	Dropsided wagons for lead, copper,zink concentrates. Valkanttrokke vir lood, koper, sink konsentrate.....	DBL
51-990 008/51-999 994	Dropsided wagons for pig iron. Valkanttrokke vir ru-yster.....	DPJ
52-010 007/52-899 993	Open wagons. (4 doors) Ooptrokke. (4 deure).....	B
52-900 002/52-999 998	Open wagons for sugar cane. Ooptrokke vir suikerriet.....	BC, BCJ
53-010 000/53-999 991	Open wagons. (4 doors) Ooptrokke. (4 deure).....	BD, BCJ
54-014 034/54-999 995	Open wagons. (6 doors) Ooptrokke. (6 deure).....	BB
55-010 008/55-999 999	Dropsided wagons. Valkanttrokke.....	DGLJ
56-010 001/56-999 993	Open wagons. (2 doors) Ooptrokke. (2 deure).....	BGJ
57-010 005/57-999 996		
58-010 009/58-999 981		
59-010 002/59-999 993		

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CLASSIFICATION - KLASSIFIKASIE

VEHICLE NUMBERS VOERTUIGNOMMERS	DESCRIPTION BESKRYWING	TYPE TIPE
60-010 002/60-999 993	Open iron ore wagons. (No doors) Oopysterertstrokke. (Geen deure).....	CR
61-010 006/61-099 996	Open wagons. (No doors) Ooptrokke. (Geen deure).....	CS, CSJ
61-100 005/61-999 990	Open wagons. (No doors) Ooptrokke. (Geen deure).....	CAD, CAJ, CAL, CALJ
62-010 018/62-999 990	Open wagons. (4 doors) Ooptrokke. (4 deure).....	BAD, BAJ, BALJ, BFD, BFJ, BFLJ
63-010 003/63-499 991	Open coal wagons. (No doors) Oopsteenkooltrokke. (Geen deure).....	CCR, CCL
63-500 000/63-999 992	Open coal wagons. (No doors) Oopsteenkooltrokke. (Geen deure).....	CCL
64-000 001/64-999 998	Open coal wagons. (No doors) Oopsteenkooltrokke. (Geen deure).....	CFL
65-010 000/65-999 991		
66-010 004/66-499 992	Hopper wagons. Lossertrokke.....	A, AJ, AKJ, AKLJ, ASJ, ASLJ
66-500 001/66-999 995		
67-014 003/67-999 999	Iron ore hopper wagons. Ysterertslossertrokke.....	AZ, AZD, AZJ, AZLJ
68-010 001/68-999 992		
69-012 008/69-999 997	Ballast wagons. Ballastrokke.....	AY, AYJ, AYLJ,
70-013 004/18-989 990		
71-010 009/71-999 991		
72-010 002/72-999 993	Livestock wagons. Veetrokke.....	GZ, GZJ, GZLJ, GZB
	Livestock wagons for general goods. (Only) Veetrokke vir algemene goedere. (Alleenlik).....	GZA
73-010 006/20-999 997		
74-010 018/74-999 990		

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CLASSIFICATION - KLASSIFIKASIE

VEHICLE NUMBERS VOERTUIGNOMMERS	DESCRIPTION BESKRYWING	TYPE TIPE
75-010 003/75-999 994		
76-010 007/76-999 998		
77-010 000/77-999 991		
78-010 004/78-999 995		
79-011 004/79-499 996	Fruit wagons. Vrugtetrokke.....	OZ
79-500 005/75-999 999	Fruit wagons. (Pallets) Vrugtetrokke. (Palette).....	O, OA, OLJ
80-019 005/80-999 999	Grain wagons. Graantrokke.....	FZ, FZJ
81-021 003/81-499 981	Grain wagons. Graantrokke.....	FZD, FZL, FZLJ
81-500 009/81-999 992	Grain wagons. Graantrokke.....	FZL
82-011 001/82-999 996		
83-010 009/83-999 991	Covered wagons for ammonium sulphate. Toetrokke vir ammoniumsulfaat.....	FAD, FAJ
84-010 002/84-017 996	Covered goods wagons. (timber bodies) Goederetoetrokke. (Houtbakke).....	FB
84-018 003/84-025 999	Covered goods wagons. Goederetoetrokke.....	FP
84-026 006/84-027 991	Covered goods wagons. (Timber bodies) Goederetoetrokke. (Houtbakke).....	FB
84-028 009/84-028 998	Covered goods wagons. (Pallets) Goederetoetrokke. (Palette).....	FS
84-029 005/84-299 991	Covered goods wagons. Goederetoetrokke.....	FP, FPJ
84-300 000/84-399 996	Covered goods wagons. Goederetoetrokke.....	FB
84-400 005/84-499 990	Covered goods wagons. (Pallets) Goederetoetrokke. (Palette).....	FSLJ

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DATE DATUM						PAGE BLADSY	5

CLASSIFICATION - KLASSIFIKASIE

VEHICLE NUMBERS VOERTUIGNOMMERS	DESCRIPTION BESKRYWING	TYPE TIPE
84-500 018/84-999 993		
85-011 002/85-999 997		
86-010 018/86-499 998	Grain wagons. (Hopper) Graantrokke. (Losser).....	FGD, FGJ, FGL, FGLJ
86-500 007/86-999 990	Closed hopper wagons. (Bulk granulated traffic) Toelossertrokke. (Massakorrelverkeer).....	FKD, FKJ
87-010 100/87-499 991	Sugar wagons. (Hopper) Suikertrokke. (Losser).....	FFJ, FFLJ
87-500 000/87-999 994	Sugar wagons. (Hopper) Suikertrokke. (Losser).....	FCD, FCJ, FCLJ
88-010 007/88-999 998	Various types of wagons. (Asset of Transport Corporation of Namibia). Verskillende tipes van trokke. (Bate van Vervoerkorporasie van Namibie).	
89-010 000/89-999 991		
90-010 000/92-999 999	See Part III Kyk Deel III	
93-010 001/93-999 992	Miscellaneous wagons. Diverse trokke.....	Z
94-010 005/95-999 981	See Part III. Kyk Deel III.	
96-010 002/	See Part III. Kyk Deel III.	
96-030 003/96-030 186	See Part III. Kyk Deel III.	
96-020 008/96-020 326	Dropsided wagons. (Asset of North-West Cape Region. Valkanttrokke. (Bate van Noordwes-Kaapstreek).....	DZ-12
96-040 009/96-040 696	Ballast Wagons. (Asset of North-West Cape Region. Ballastrokke. (Bate van Noordwes-Kaapstreek).....	AY-11
96-074 434/96-099 178	Open iron ore wagons.(No doors)(Asset of North-West Cape Region) Oopysterertstrokke. (Geen deure). (Bate van Noordwes-Kaapstreek).....	CR-5

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CLASSIFICATION - KLASSIFIKASIE

VEHICLE NUMBERS VOERTUIGNOMMERS	DESCRIPTION BESKRYWING	TYPE TIPE
97-010 006/97-999 997	See Part III Kyk Deel III	
98-010 018/97-999 990	See Part III Kyk Deel III	
99-010 003/99-999 994	See Part III Kyk Deel III	

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WAGON TYPES AND NUMBER OF WAGONS IN SERVICE AS AT 1990-10-31 PART 1 PAGE 1

TROKTIPES EN GETAL TROKKE IN DIENS SOOS OP DEEL 1 BLADSY 1

TYPE TIPE	NUMBER GETAL
A-1	228
A-2	85
A-3	114
A-4	58
AJ-4	341
AKJ-1	105
AKLJ-1	65
ASJ-1	65
ASJ-2	198
ASLJ-1	15
AY-5	386
AY-6	398
AY-7	111
AY-8	99
AY-9	398
AY-10	200
AY-11	175
AY-12	283
AYJ-12	4
AZ-7	1
AZD-4	104
AZD-5	55
AZD-6	85
AZJ-4	115
AZJ 5	65
AZJ-6	109
AZLJ-4	354
AZLJ-5	268
AZLJ-6	198

TYPE TIPE	NUMBER GETAL
B-1	5329
B-2	10640
B-3	1604
BAD-1	493
BAD-2	207
BAD-3	7
BAJ-1	1634
BAJ-2	685
BAJ-3	13
BALJ-1	3110
BALJ-2	640
BALJ-3	184
BC-1	348
BC-4	97
BCJ-3	400
BD-2	311
BD-4	135
BFJ-1	46
BFLJ-1	98
BJ-2	124
BJ-4	60
CAD-1	161
CAJ-1	446
CAL-1	923
CALJ-1	575
CCL-1	1377

TYPE TIPE	NUMBER GETAL
CCL-3	1345
CCL-5	1514
CCL-6	5
CCL-7	1143
CCL 8	0
CCR-1	67
CCR-3	126
CCR-4X	1
CFL-1	1139
CFL-3	260
CR-1	1304
CR-2	405
CR-3	902
CR-4	493
CR-5	2190
CR-6	1683
CR-7	457
CR-8	54
CR-9	1236
CR-10	103
CS-1	326
CSJ-1	132
CSJ-2	249
DAJ-1	2
DAJ-2	25
DAJ-3	3
DAJ-4	9
DAJ-5	20
DAJ-6	10
DAZ-1	4
DAZ-2	35
DAZ-5	1
DAZ-6	9
DBL-1	110

TYPE TIPE	NUMBER GETAL
DGLJ-1	730
DJ-1	101
DJ-2	5562
DJ-3	1
DLJ-1	1679
DLJ-2	347
DPJ-2	12
DSJ-1	400
DZ-6	28
DZ-7	30121
DZ-8	39
DZ-9	382
DZ-10	405
DZ-11	68
DZ-12	23
DZA-8	457
DZA-9	755
DZA-10	57
DZA-11	86
DZA-12	30
DZJ-7	451
DZJ-8	491
DZJ-9	1478
FAD-2	3
FAJ-2	33
FB-1	208
FB-2	480
FB-3	74
FB-4	29
FCD-2	26

TYPE TIPE	NUMBER GETAL
FCJ-2	483
FFJ-1	21
FFLJ-1	55
FGD-1	3
FGD-2	9
FGJ-1	47
FGL-2	39
FGL-3	499
FGLJ-1	944
FGLJ-2	693
FKD-1	11
FKD-2	5
FKD-3	26
FKJ-1	115
FKJ-2	47
FKJ-3	231
FKJ-4	7
FP-1	192
FP-2	106
FP-4	41
FP-5	36
FP-6	11
FPJ-9	1762
FPJ-10	1171
FSLJ-2	500
FSLJ-3	100
FSLJ-4	600

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WAGON TYPES AND NUMBER OF WAGONS IN SERVICE AS AT 1990-10-31 PART 1 PAGE 2

TROKTIPES EN GETAL TROKKE IN DIENS SOOS OP DEEL 1 BLADSY 2

TYPE TIPE	NUMBER GETAL	TYPE TIPE	NUMBER GETAL	TYPE TIPE	NUMBER GETAL	TYPE TIPE	NUMBER GETAL	TYPE TIPE	NUMBER GETAL
FZ-6	560	O-1	880	SBLJ-2	65	SMLJ-1	1130	U-8	1
		O-3	1191			SMLJ-2	2989	U-9	1
FZD-7	5	O-4	50	SC-3	14	SMLJ-3	250	U-10	2
FZD-8	13					SMLJ-4	364	U-12	6
FZD-9	18			SCJ-6	6	SMLJ-6	248	U-13	2
		OA-1	99			SMLJ-7	386	U-14	2
FZJ-6	415			SCL-1	45	SMLJ-8	729	U-15	10
FZJ-7	2346	OLJ-5	546	SCL-2	5	SMLJ-9	350	U-16	4
FZJ-8	1472			SCL-4	183	SMLJ-10	828	U-17	7
FZJ-9	970	OZ-8	228	SCL-5	3	SMLJ-11	218	U-18	4
		OZ-9	342			SMLJ-12	188		
FZL-1	1000	OZ-11	877	SCLV-1	6			Z-1	7
		OZ-12	11	SCLV-2	48	SMR-5	549	Z-4	4
FZLJ-7	1							Z-7	10
FZLJ-8	1			SF-1	121	SPLJ-1	165		
		PZ-2	5			SPLJ-2			
GZ-5	309	PZ-4	124	SFJ-2	50				
GZ-7	302					SSLJ-3	78		
GZ-9	302			SH-1	8	SSLJ-4	50		
GZ-10	273	QAJ-1	150	SH-6	20	SSLJ-5	36		
						SSLJ-6	64		
GZA-1	581	QB-1	275						
				SHD 2	90	ST-1	34		
GZB-1	50	QCJ-1	150	SHD-4	21	ST-4	65		
				SHD-7	63	ST-5	662		
GZJ-1	896	QZ-1	47						
GZJ-10	735	QZ-2	50	SHJ-2	308	STD-2	10		
				SHJ-4	353	STD-3	6		
		QZJ-1	3	SHJ -6	12				
		QZJ-2	100	SHJ-7	336	STJ-1	64		
LA-1	16	QZJ-3	98			STJ-2	275		
LA-2	73	QZJ-4	200	SHL-5	1038	STJ-3	51		
LA-3	263					STJ-4	309		
		S-2	9			STJ-5	737		
LAJ-2	23	S-3	4	SHLJ-10	1126				
		S-4	19	SHLJ-11	70	STLJ-3	950		
		S-17	7	SHLJ-12	794	STLJ-6	1689		
LALJ-3	8			SHLJ-13	50	STLJ-7	598		
		SB-1	1			STLJ-8	100		
		SB-3	2						
LO-2	181	SB-4		SML-13	13				

13

Drawgear Equipment - Trekwerkuitrusting

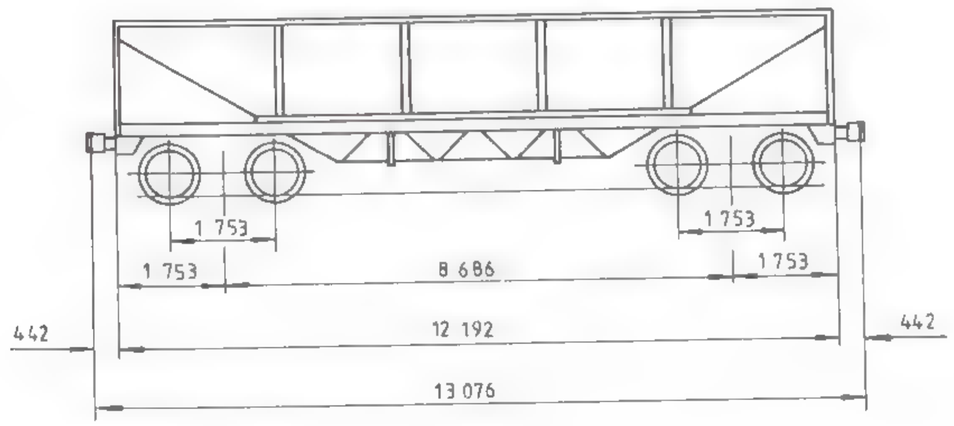
KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

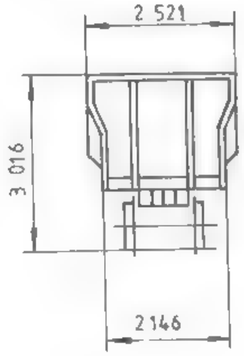
SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

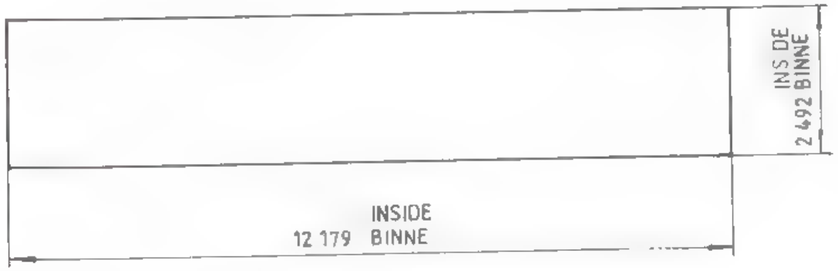
A-8

Brake System - Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller







Remarks :-
Opmerkings

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
66-010 004 / 66-010 535	1934
66-010 543 / 66-012 287	1934-37
66-012 295 / 66-013 925	1940-42
66-013 933 / 66-016 673	1938

Drawing Number / Tekeningnommer	W1/9172 CE No A1/14996
Bogie Type / Draaisteltipe	DIAMOND FRAME RUITRAAM
Bearing Size / Laergrootte	11×5½
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6/6
Brake System / Remstelsel	V
Brake Cylinders / Remsilinders	(V) 2/18 (L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50) (L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 94,6 / 29,6 (L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901E
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS

Centre of Gravity (Empty) / Swaartepunt (Leeg)	
Design Limit – Mass on Rail kg / Ontwerptimiet – Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	COAL STEENKOOL
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

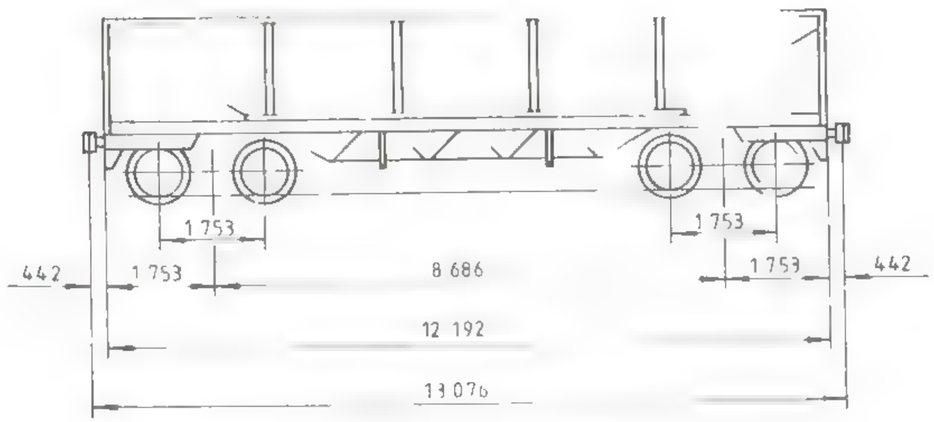
Converted from / Omskep van	Date / Datum
Tare (Average) kg / Tarra (Gemiddeld) kg	21 000
Load kg / Vrag kg	46 000
Load (Coal) kg / Vrag (Steenkool) kg	46 000
Floor Area m² / Vloeroppervlakte m²	
Capacity m³ / Inhoudsvermoë m³	49

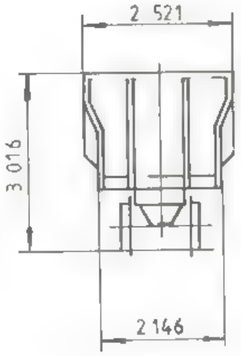
A-1

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting





Remarks
Opmerkings :-

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
66-017 009 / 66-018 374	1952-53

Converted from Omskep van	Date Datum

Tare (Average) kg Tarra (Gemiddeld)	21 680
Load kg Vrag	46 000
Load (Coal) kg Vrag (Steenkool)	46 000
Floor Area m^2 Vloeroppervlakte	
Capacity m^3 Inhoudsvermoë	49

Drawing Number Tekeningnommer	W 1/9172
Bogie Type Draaisteltipe	SARCAST
Bearing Size Laergrootte	11 × 5 1/2
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	6/6
Brake System Remstelsel	V
Brake Cylinders Remsilinders	(V) 2/18 (L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50) (L)
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 623/20 (L)
Drawgear Equipment Trekwerkuitrusting	AAR M901 E
Coupler / Yoke Koppelaar / Juk	SASKOP-S / SAR SAS

Centre of Gravity (Empty) Swaartepunt (Leeg)	
Design Limit – Mass on Rail kg Ontwerplimiet – Massa op Spoor	74 000
Originally designed for Oorspronklik ontwerp vir	COAL STEENKOOL
Converted for Omskep vir	

Revision Hersiening						
Date Datum						

A-2

Brake System - Remstelsel

A Dual Power - Automatic
Tweekrag - Outomaties
Slack Adjuster
Remversteller

V Vacuum
Vakuum
L Air
Lug
D Dual Power - Manually operated
Tweekrag – Handbediening

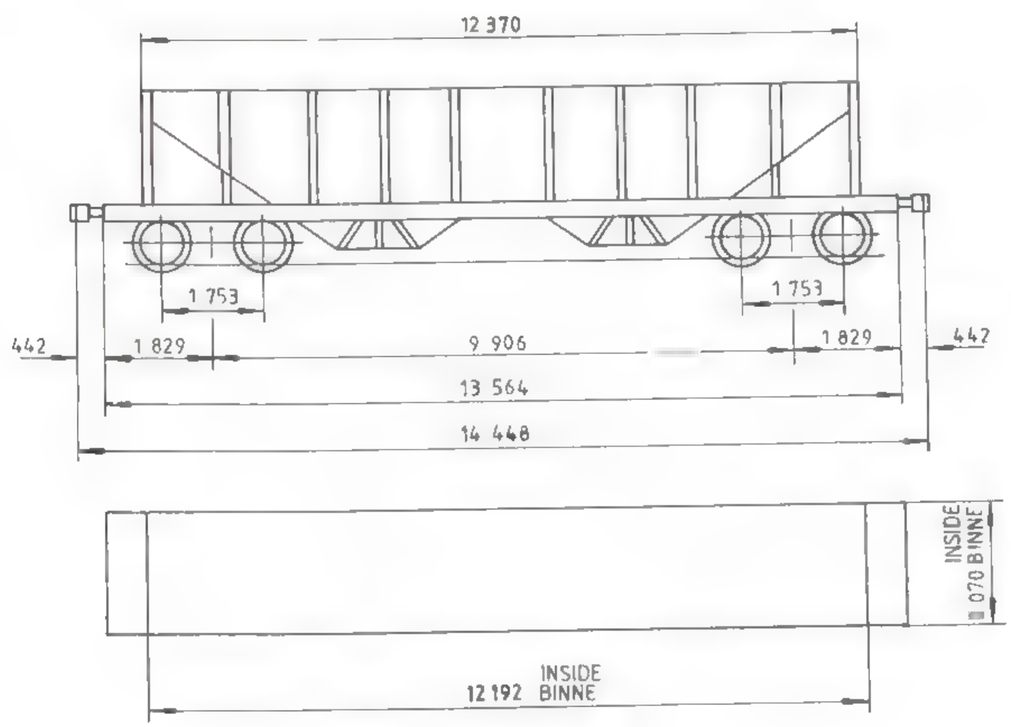
A 10

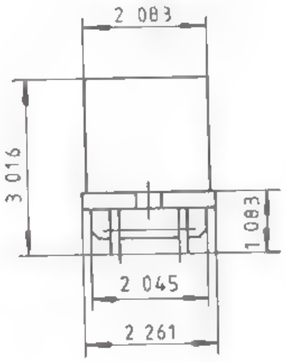
5

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

A-11





Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
66-019 001 / 66-020 387	1957

Remarks / Opmerkings :-

Converted from / Omskep van	Date / Datum

Drawing Number / Tekeningnommer	CME 105/12-A21	
Bogie Type / Draaisteltipe	SARCAST	
Bearing Size / Laergrootte	11×5½	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6/6	
Brake System / Remstelsel	V	
Brake Cylinders / Remsilinders	(V) 2 / 21	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65 (50)	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 83,3 / 28,8	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS	

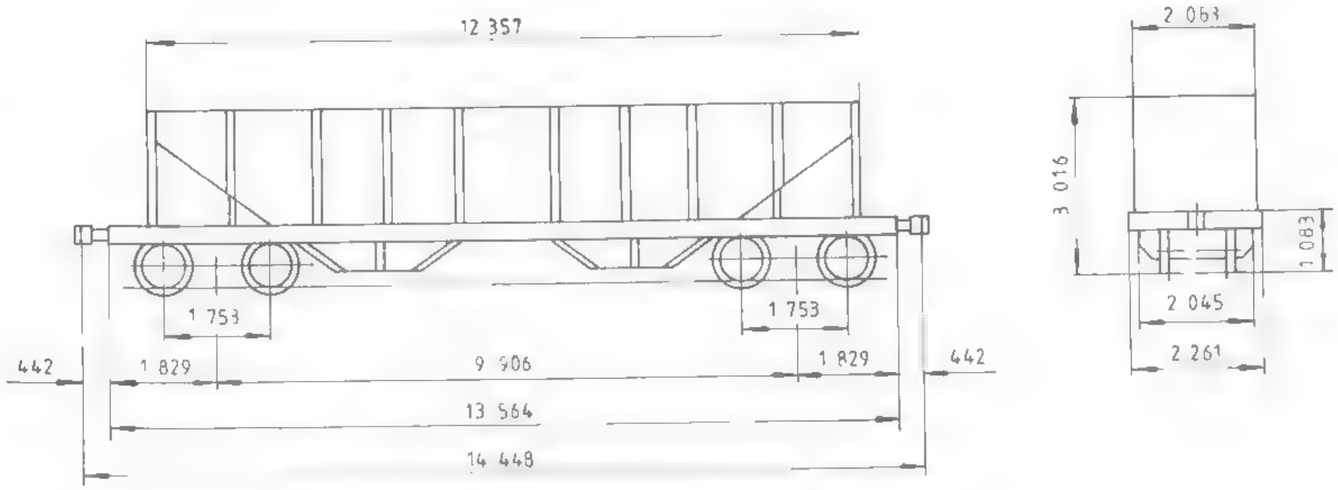
Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 010
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	74000
Originally designed for / Oorspronklik ontwerp vir	COAL / STEENKOOL
Converted for / Omskep vir	

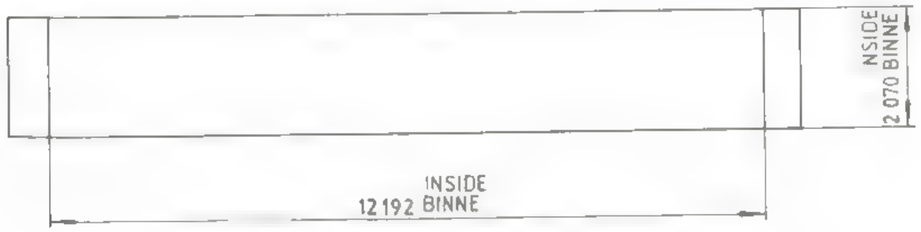
Revision / Hersiening						
Date / Datum						

Tare (Average) kg / Tarra (Gemiddeld) kg	24 280
Load kg / Vrag kg	46 000
Load (Coal) kg / Vrag (Steenkool) kg	46 000
Floor Area m^2 / Vloeroppervlakte m^2	
Capacity m^3 / Inhoudsvermoe m^3	46 7

A-3

16





Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

A 12

Brake System - Remsteisel
V Vacuum / Vakuum
L Air / Lug
Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Remarks / Opmerkings :-

Drawing Number / Tekeningnommer	WI / 20054
Bogie Type / Draaisteltipe	SARCAST
Bearing Size / Laergrootte	11 × 5 1/2
Springs per Bogie Outer / inner / Vere per Draaistel Buite / Binne	6 / 0
Brake System / Remsteisel	V
Brake Cylinders / Remsilinders	(V) 4 / 18 (L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65 (L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 91,9 / 32,2 (L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR SAS

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 035
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	COAL / STEENKOOL
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
66-021 006 / 66-025 400	1967

Converted from / Omskep van	Date / Datum

Tare (Average) kg / Tarra (Gemiddeld) kg	24 770
Load kg / Vrag kg	46 000
Load (Coal) kg / Vrag (Steenkool) kg	46 000
Floor Area m^2 / Vloeroppervlakte m^2	
Capacity m^3 / Inhoudsvermoë m^3	46,7

A-4

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Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device / Koppelaar hidroulièse kussingrigting

SSC Centre sill hydraulic cushioning device / Middelbalk hidroulièse kussingrigting

Brake System - Remstelsel

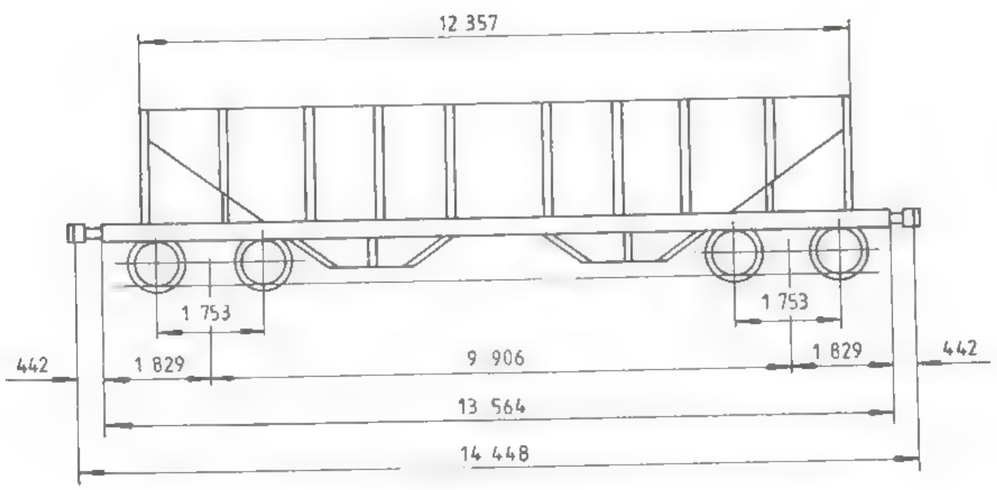
A Dual Power - Automatic / Tweekrag - Outomaties

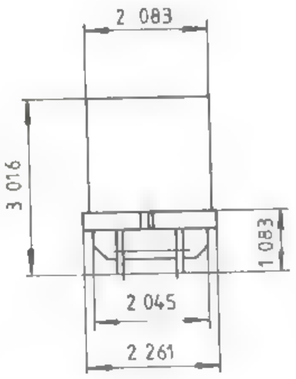
R Slack Adjuster / Remversteller

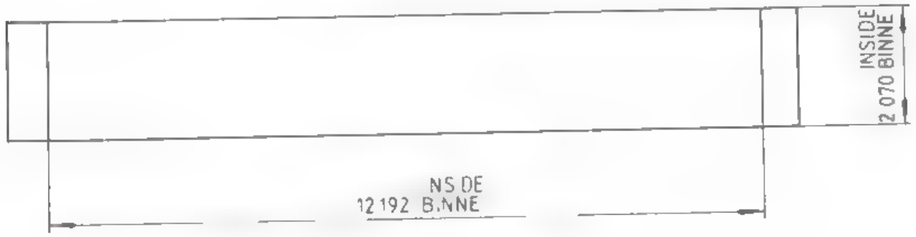
V Vacuum / Vakuum

L Air / Lug

D Dual Power - Manually operated / Tweekrag - Handbediening







Remarks
Opmerkings -

Drawing Number / Tekeningnommer	WI / 20054	
Bogie Type / Draaisteltipe	SARCAST	
Bearing Size / Laergrootte	11 x 5 1/2	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	8/0	
Brake System / Remstelsel	V	
Brake Cylinders / Remsilinders	(V) 4/18	(L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 68,8 / 24,1	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 035
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	COAL STEENKOOL
Converted for / Omskep vir	

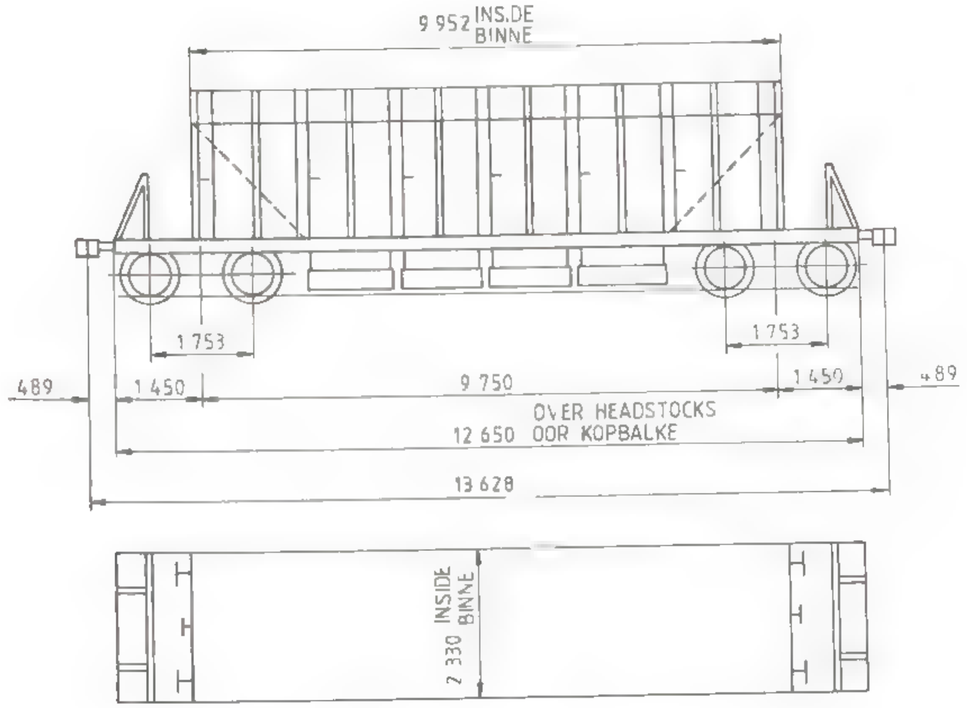
Revision / Hersiening						
Date / Datum						

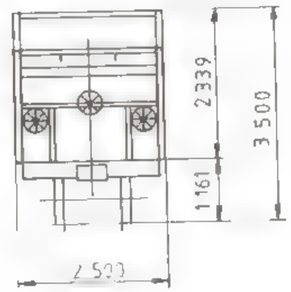
Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
66-021 006 / 66-025 400	1967

Converted from / Omskep van	Date / Datum
A-4	1984

Tare (Average) kg / Tarra (Gemiddeld)	24 770
Load kg / Vrag	46 000
Load (Coal) kg / Vrag (Steenkool)	46 000
Floor Area m^2 / Vloeroppervlakte	
Capacity m^3 / Inhoudsvermoë	46,7

AJ-4





Drawgear Equipment · Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussingin rigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussingin rigting

Brake System - Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power-Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remversteller

Remarks / Opmerkings :-

Drawing Number / Tekeningnommer		w001/F037	
Bogie Type / Draaisteltipe		HS MK VII	
Bearing Size / Laergrootte		D	
Springs per Bogie / Vere per Draaistel	Outer / Inner / Buite / Binne	10/10	
Brake System / Remstelsel		v/R	
Brake Cylinders / Remsilinders		(V) 2/18	(L)
Train Pipe / Treinpyp Brake Pipe / Rempyp		(V) 65	(L)
Brake Percentage / Rempersentasie	Empty / Loaded Leeg / Met Vrag	(V) 64,2/21,7	(L)
Drawgear Equipment / Trekwerkuitrusting		AAR M901 E	
Coupler / Yoke / Koppelaar / Juk		E/E	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1080
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	80 000
Originally designed for / Oorspronklik ontwerp vir	BALLAST BALLAS
Converted for / Omskep vir	LIME KALK

Revision / Hersiening						
Date / Datum						

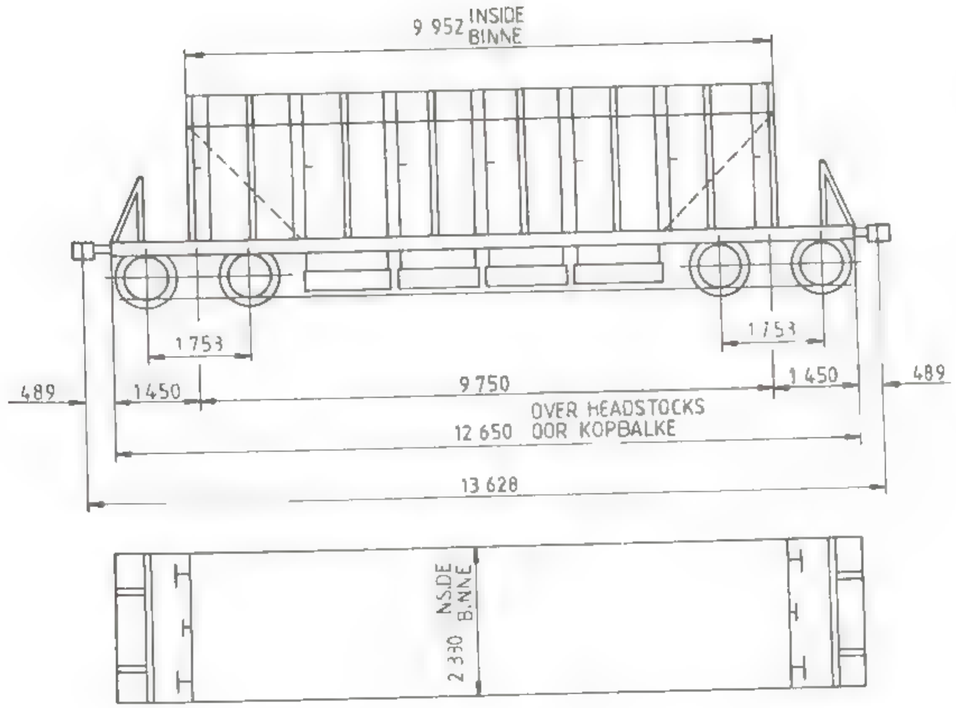
Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
66-400 007 / 66-401 860	1983

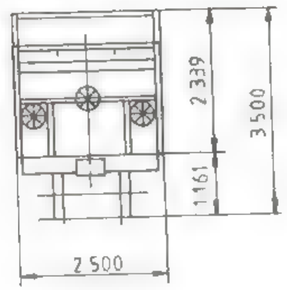
Converted from / Omskep van	Date / Datum
AYJ-13	1989

Tare (Average) kg / Tarra (Gemiddeld) kg		24 410
Load kg / Vrag kg		49 000
Load (Coal) kg / Vrag (Steenkool) kg		
Floor Area m^2 / Vloeroppervlakte m^2		
Capacity m^3 / Inhoudsvermoe m^3		49,82

AKJ-1

19





Drawgear Equipment · Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidroulies kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidroulies kussinginrigting

Brake System - Remstelsel

V Vacuum
Vakuum

L Air
Lug

D Dual Power - Manually operated
Tweekrag - Handbediening

A Dual Power-Automatic
Tweekrag-Outomaties

■ Slack Adjuster
Remsteller

Remarks :
Opmerkings

Drawing Number / Tekeningnommer	W301/F037	
Bogie Type / Draaisteltipe	HS MK VII	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10	
Brake System / Remstelsel	L1 v/R	
Brake Cylinders / Remsilinders	(V) 2/18	(L) 1/10 x 12
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L) 32
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 64,2/21,7	(L) 58,7/19,8
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	E/E	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1080
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	8[illegible]
Originally designed for / Oorspronklik ontwerp vir	BALLAST / BALLAS
Converted for / Omskep vir	LIME / KALK

Revision / Hersiening						
Date / Datum						

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
66-400 007 / 66-401 860	1983

Converted from / Omskep van	Date / Datum
AYLJ - 13	1989

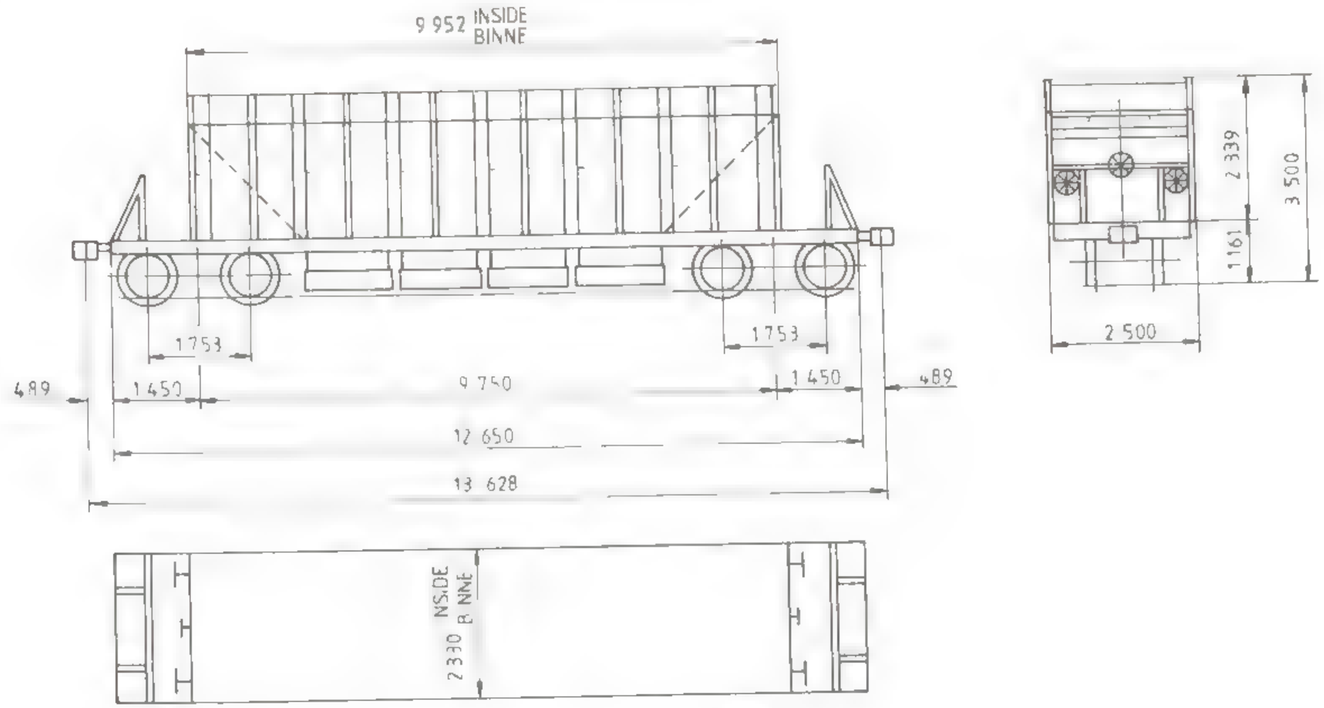
Tare (Average) kg / Tarra (Gemiddeld) kg	24 410
Load kg / Vrag kg	49 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	
Capacity m^3 / Inhoudsvermoë m^3	49,82

AKLJ-1

08-85

Drawgear Equipment · Trekwerkuitrusting
- KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingin rigting
- SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingin rigting

Brake System - Remsteisel
- V Vacuum / Vakuum
- L Air / Lug
- D Dual Power - Manually operated / Tweekrag - Handbediening
- A Dual Power - Automatic / Tweekrag - Outomaties
- R Slack Adjuster / Remversteller



Remarks
Opmerkings :-

Drawing Number / Tekeningnommer	W001/F037
Bogie Type / Draaisteltipe	HS MK VII
Bearing Size / Laergrootte	D
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10
Brake System / Remstelsel	V/R
Brake Cylinders / Remsilinders	(V) 2/18 (L)-
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (L)-
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 64,2/21,7 (L)-
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E
Coupler / Yoke / Koppelaar / Juk	E/E

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1080
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	80 000
Originally designed for / Oorspronklik ontwerp vir	BALLAST / BALLAS
Converted for / Omskep vir	COAL / STEENKOL

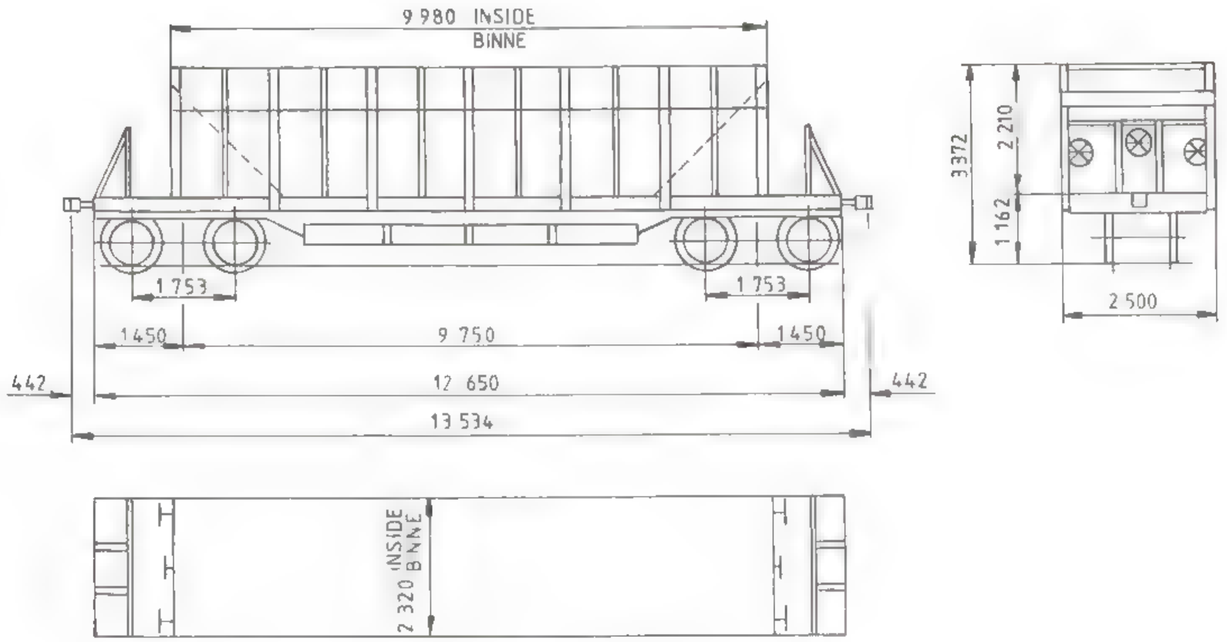
Revision / Hersiening						
Date / Datum						

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
66-200 008 / 66-200 865	1983

Converted from / Omskep van	Date / Datum
AYJ-13	1989

Tare (Average) kg / Tarra (Gemiddeld)	24 410
Load kg / Vrag	+9 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	
Capacity m^3 / Inhoudsvermoe	49,82

ASJ-1



Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power-Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remversteller

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
66-201 004 / 66-203 171	1978-1979

Remarks
Opmerkings

Converted from / Omskep van	Date / Datum
AYJ - 12	1989

Drawing Number / Tekeningnommer		W001/D052	
Bogie Type / Draaisteltipe		SPOORBARBER "HYBRID"	
Bearing Size / Laergrootte		D	
Springs per Bogie / Vere per Draaistel	Outer / Buite / Inner / Binne	10 / 10	
Brake System / Remstelsel		V	
Brake Cylinders / Remsilinders		(V) 2 / 18	(L)
Train Pipe / Treinpyp Brake Pipe / Rempyp		(V) 65	(L)
Brake Percentage / Rempersentasie	Empty / Loaded / Leeg / Met Vrag	(V) 85/274	(L)
Drawgear Equipment / Trekwerkuitrusting		AAR M901E	
Coupler / Yoke / Koppelaar / Juk		SASKOP S / SAR SAS	

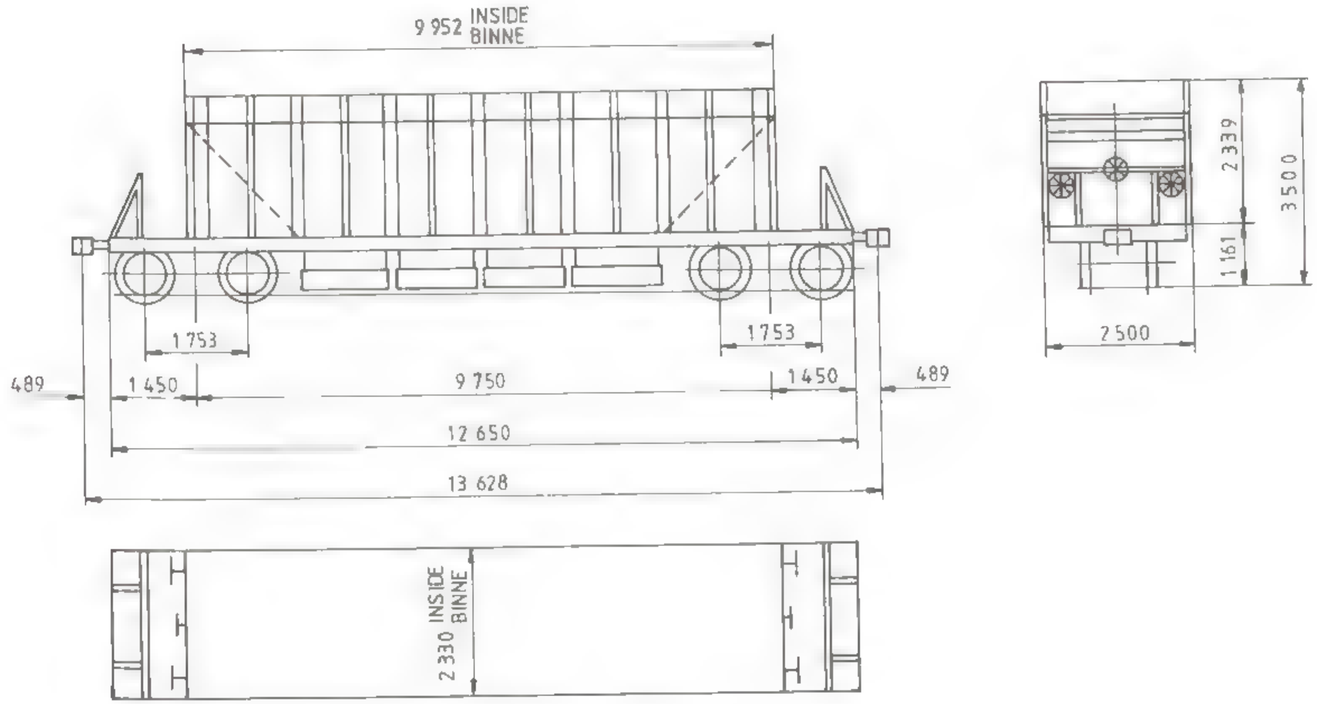
Centre of Gravity (Empty) / Swaartepunt (Leeg)	1042
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	BALLAST BALLAS
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

Tare (Average) kg / Tarra (Gemiddeld) kg	24 570
Load kg / Vrag kg	49 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	
Capacity m^3 / Inhoudsvermoe m^3	46 86

ASJ-2

22



Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussingrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Remarks
Opmerkings

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
66-200 008 / 66-200 865	1983

Converted from / Omskep van	Date / Datum
AYLJ - 13	1989

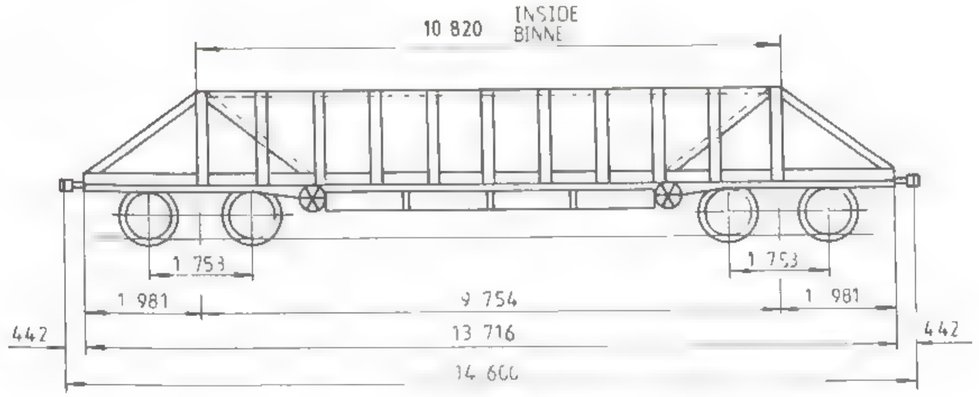
Drawing Number / Tekeningnommer	W001/F037	
Bogie Type / Draaisteltipe	HS MK VII	
Bearing Size / Laergrootte	O	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10	
Brake System / Remstelsel	L/V/R	
Brake Cylinders / Remsilinders	(V) 2/18	(L) 1/10 × 12
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) 32
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 64,2/21,7	(L) 58,7/19,8
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	E/E	

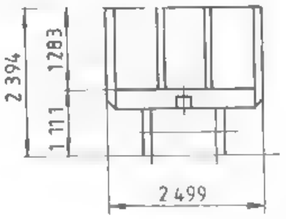
Centre of Gravity (Empty) / Swaartepunt (Leeg)	1080
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	80 000
Originally designed for / Oorspronklik ontwerp vir	BALLAST / BALLAS
Converted for / Omskep vir	COAL / STEENKOOL

Revision / Hersiening						
Date / Datum						

Tare (Average) kg / Tarra (Gemiddeld) kg	24 410
Load kg / Vrag kg	49 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	
Capacity m^3 / Inhoudsvermoë m^3	49,82

ASLJ-1





Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussingrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
■ Dual Power - Automatic / Tweekrag - Outomaties
■ Slack Adjuster / Remversteller

Remarks / Opmerkings :-

Drawing Number / Tekeningnommer		W1/10540 CE Nº A 1/15578	
Bogie Type / Draaisteltipe		CANCAR	
Bearing Size / Laergrootte		11 × 5½	
Springs per Bogie / Vere per Draaistel	Outer / Inner Buite / Binne	6/6	
Brake System / Remstelsel		V	
Brake Cylinders / Remsilinders		(V) 2/18	(L)
Train Pipe / Treinpyp Brake Pipe / Rempyp		(V) 65 (50)	(L)
Brake Percentage / Rempersentasie	Empty / Loaded Leeg / Met Vrag	(V) 69,2/22,8	(L)
Drawgear Equipment / Trekwerkuitrusting		AAR M901 E	
Coupler / Yoke / Koppelaar / Juk		SASKOP - S / SAR SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)							
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor							74 000
Originally designed for / Oorspronklik ontwerp vir							BALLAST BALLAS
Converted for / Omskep vir							
Revision / Hersiening							
Date / Datum							

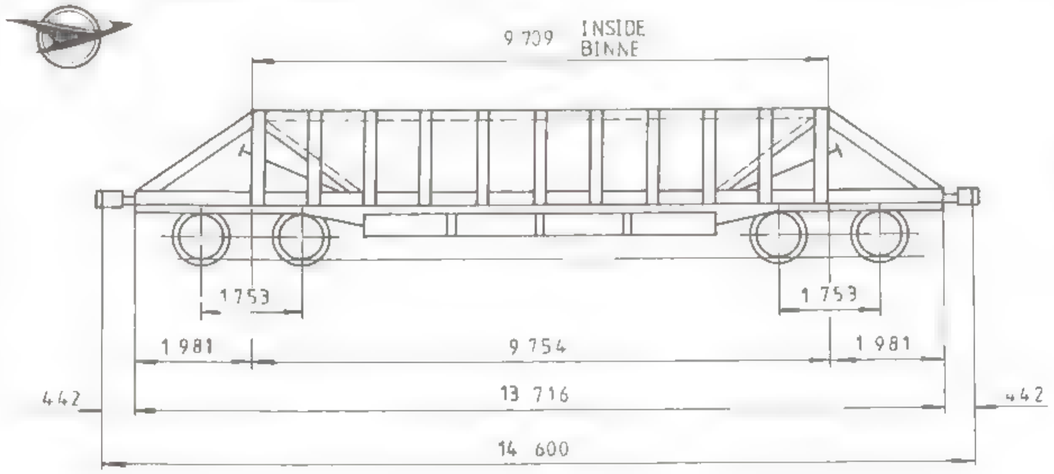
Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
69–012 008 / 69–016 380	1948

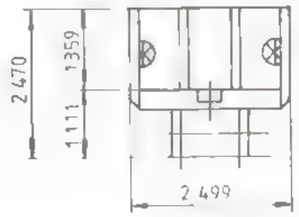
Converted from / Omskep van	Date / Datum

Tare (Average) kg / Tarra (Gemiddeld) kg	22 550
Load kg / Vrag kg	46 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	
Capacity m^3 / Inhoudsvermoë m^3	28,9

AY-5

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingrigting





Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Remarks / Opmerkings :-

Drawing Number / Tekeningnommer	CME 133/12 - A21	
Bogie Type / Draaisteltipe	SARCAST	
Bearing Size / Laergrootte	11 × 5½	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6 / 6	
Brake System / Remstelsel	V	
Brake Cylinders / Remsilinders	(V) 2 / 18	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65 (50)	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 74,7 / 24,9	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	BALLAST / BALLAS
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

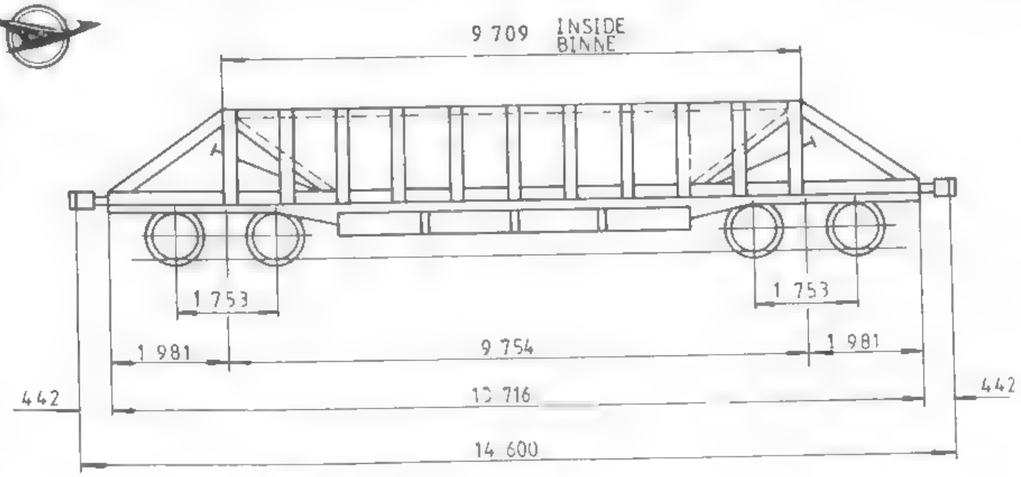
Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
69-017 018 / 69-021 392	1957

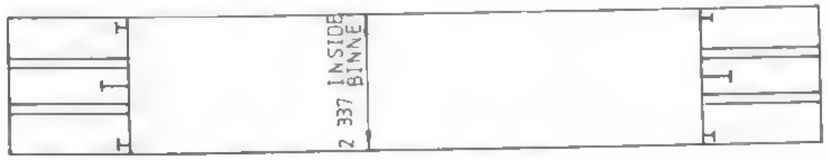
Converted from / Omskep van	Date / Datum

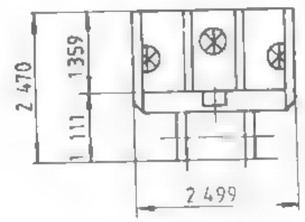
Tare (Average) kg / Tarra (Gemiddeld)	22 970
Load kg / Vrag	46 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	
Capacity m^3 / Inhoudsvermoë	28 ?

AY-6

25







Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
69-022 003 / 69-022 127 69-022 135 / 69 023 220	1960 1963

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device
Koppelaar hidroulies kussinginrigting
SSC Centre sill hydraulic cushioning device
Middelbalk hidroulies kussinginrigting

Brake System - Remstelsel
V Vacuum Vakuum
L Lug
D Dual Power - Manually operated
Tweekrag - Handbediening
A Dual Power - Automatic
Tweekrag - Outomaties
R Slack Adjuster
Remversteller

Remarks
Opmerkings :-

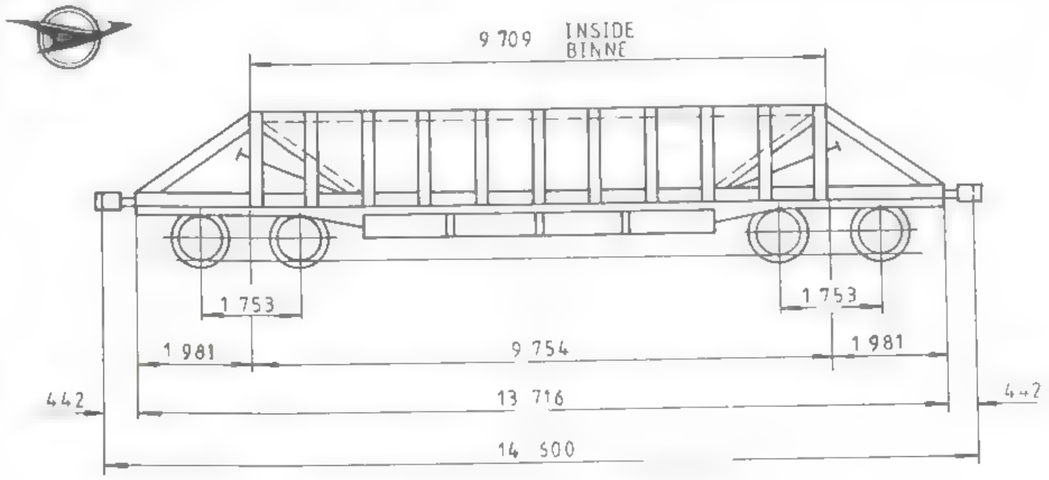
Drawing Number Tekeningnommer	CME 103/12 - C55	
Bogie Type Draaisteltipe	SARCAST	
Bearing Size Laergrootte	11 × 5½	
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	6 / 6	
Brake System Remstelsel	V	
Brake Cylinders Remsilinders	(V) 2 / 18	(L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50)	(L)
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 67,5/24	(L)
Drawgear Equipment Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke Koppelaar / Juk	SASKOP-S / SAR SAS	

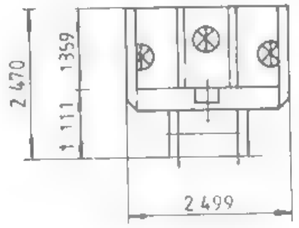
Centre of Gravity (Empty) Swaartepunt (Leeg)	
Design Limit – Mass on Rail kg Ontwerplimiet – Massa op Spoor	74 000
Originally designed for Oorspronklik ontwerp vir	BALLAST BALLAS
Converted for Omskep vir	

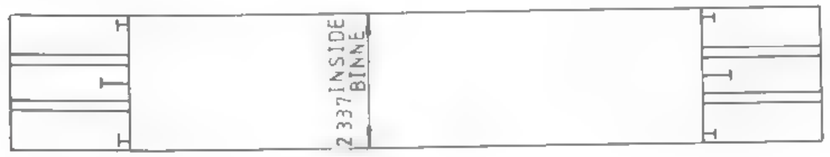
Revision Hersiening						
Date Datum						

Converted from Omskep van	Date Datum
Tare (Average) kg Tarra (Gemiddeld)	25 370
Load kg Vrag	46 000
Load (Coal) kg Vrag (Steenkool)	
Floor Area m^2 Vloeroppervlakte	
Capacity m^3 Inhoudsvermoe	28,3

AY-7







Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power – Manually operated / Tweekrag – Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remverstelier

Remarks / Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
69 – 024 006 / 69 – 025 096	1965

Converted from / Omskep van	Date / Datum

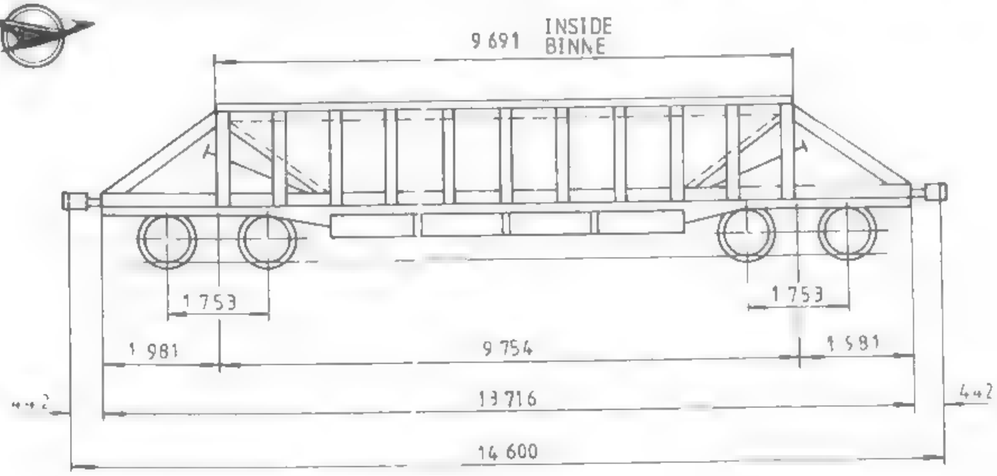
Drawing Number / Tekeningnommer	W 1 / 20035		
Bogie Type / Draaisteltipe	SARCAST		
Bearing Size / Laergrootte	11 × 5½		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6 / 6		
Brake System / Remstelsel	V		
Brake Cylinders / Remsilinders	(V) 2 / 21	(L)	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 80,2 / 28 9	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS		

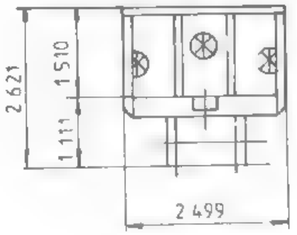
Centre of Gravity (Empty) / Swaartepunt (Leeg)	843
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	BALLAST / BALLAS
Converted for / Omskep vir	

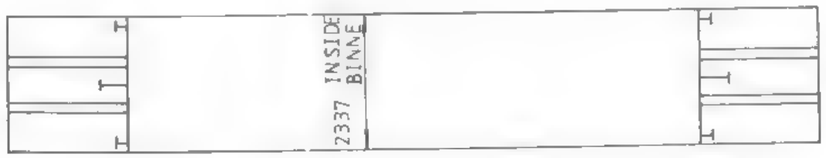
Revision / Hersiening						
Date / Datum						

Tare (Average) kg / Tarra (Gemiddeld) kg	25 870
Load kg / Vrag kg	46 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	
Capacity m^3 / Inhoudsvermoe m^3	28,3

AY-8







Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussingrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power – Manually operated / Tweekrag – Handbediening
A Dual Power-Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remversteller

Remarks / Opmerkings :-

Drawing Number / Tekeningnommer	W 250 / F 008	
Bogie Type / Draaisteltipe	SPOORBARBER	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 8	
Brake System / Remstelsel	V	
Brake Cylinders / Remsilinders	(V) 2 / 21	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 90 / 31,5	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	898
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	BALLAST / BALLAS
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
69-026 009 / 69-030 413	1972 – 1973

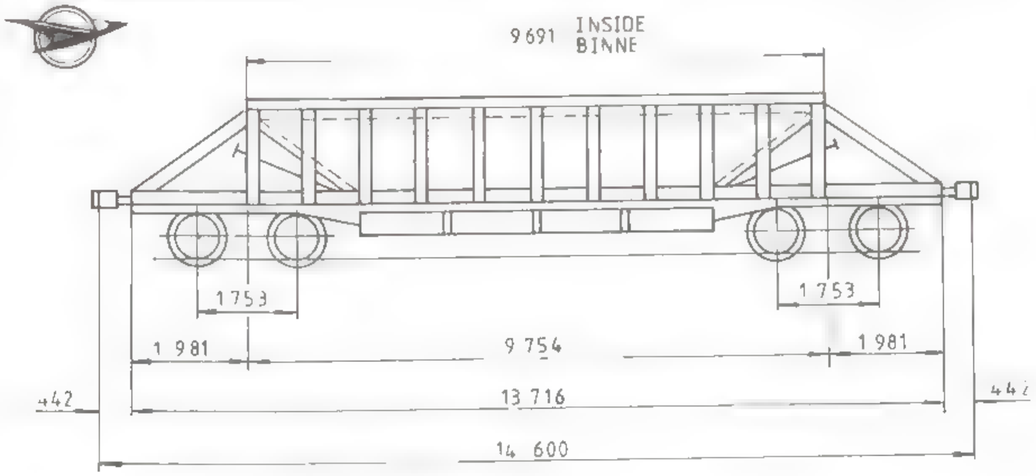
Converted from / Omskep van	Date / Datum

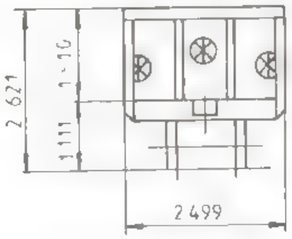
Tare (Average) kg / Tarra (Gemiddeld)	25 900
Load kg / Vrag	48 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	
Capacity m^3 / Inhoudsvermoë	31,0

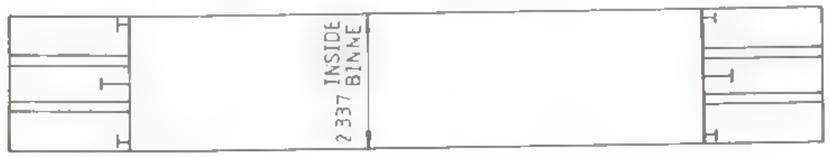
AY-9

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller







Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
● 69-030 421 / 69-030 979	1977 - 1978
● 69-030 987 / 69-032 610	1977

Remarks / Opmerkings :-

Drawing Number / Tekeningnommer	W 001 / F 021	
Bogie Type / Draaisteltipe	SPOORBARBER ● HS MK III ●	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	● 10 / 8 ● 10 / 10	
Brake System / Remstelsel	V	
Brake Cylinders / Remsilinders	(V) 2 / 21	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 90 / 31,5	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS	

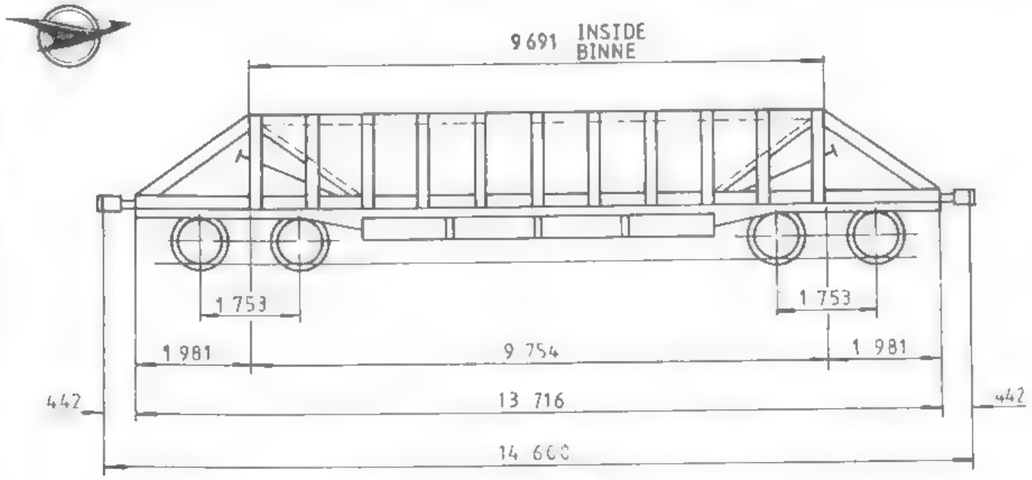
Centre of Gravity (Empty) / Swaartepunt (Leeg)	808
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	BALLAST BALLAS
Converted for / Omskep vir	

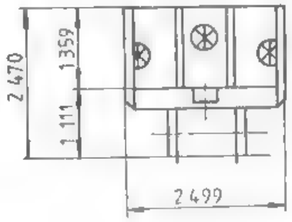
Revision / Hersiening						
Date / Datum						

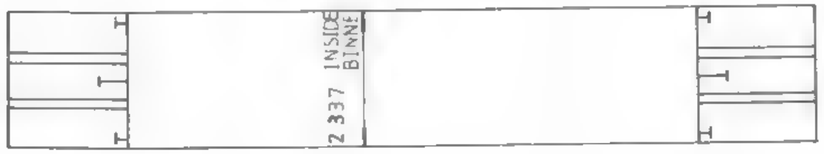
Converted from / Omskep van	Date / Datum

Tare (Average) kg / Tarra (Gemiddeld)	25 900
Load kg / Vrag	48 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	
Capacity m^3 / Inhoudsvermoe	31,6

AY-10







Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidroulies kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidroulies kussinginrigting

Brake System - Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Remarks / Opmerkings: ● ASSET OF NORTH-WEST CAPE REGION / BATE VAN NOORDWES-KAAPSTREEK

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
● 96-040 009 / 96-040 696	1975
69-032 629 / 69-034 508	1975

Converted from / Omskep van	Date / Datum

Drawing Number / Tekeningnommer	W 250 / F 008		
Bogie Type / Draaisteltipe	SPOORBARBER		
Bearing Size / Laergrootte	D		
Springs per Bogie (Outer / Inner) / Vere per Draaistel (Buite / Binne)	10 / 8		
Brake System / Remstelsel	V		
Brake Cylinders / Remsilinders	(V) 2 / 21	(L)	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	
Brake Percentage (Empty / Loaded) / Rempersentasie (Leeg / Met Vrag)	(V) 91,5 / 32,6	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS		

Centre of Gravity (Empty) / Swaartepunt (Leeg)	860
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	BALLAST / BALLAS
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

Tare (Average) kg / Tarra (Gemiddeld)	25 470
Load kg / Vrag	46 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	
Capacity m^3 / Inhoudsvermoë	28,4

AY-11

30

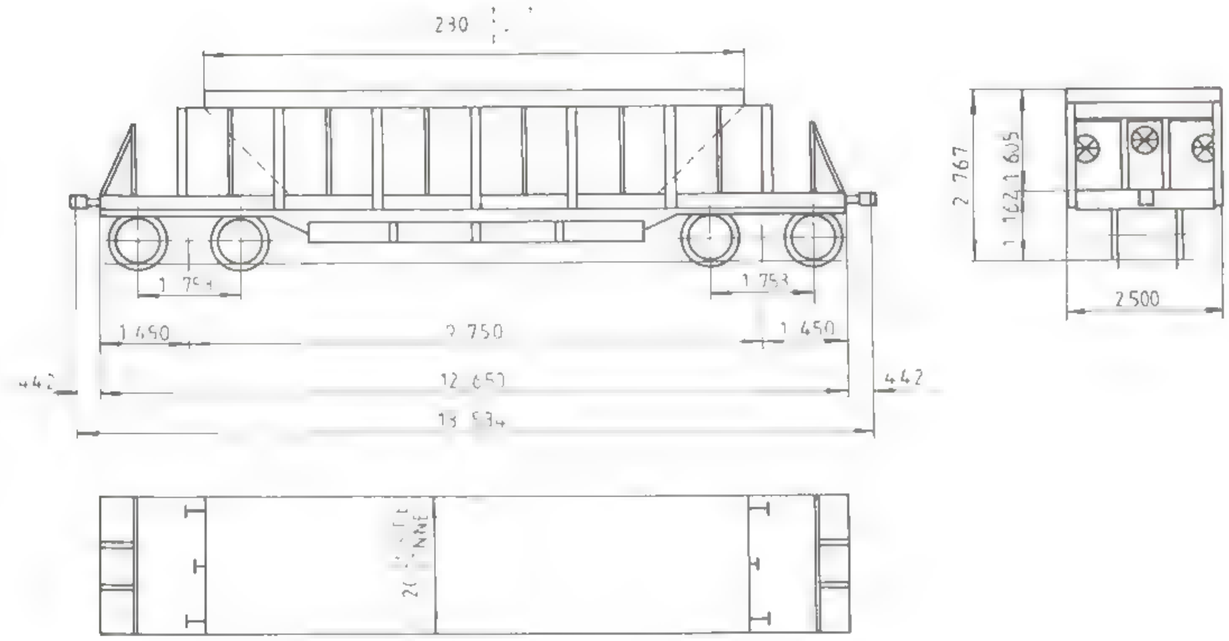
Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussingrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remverstelle



Remarks :-
Opmerkings

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
69-034 516 / 69- 039 952	1979 - 1980

Converted from / Omskep van	Date / Datum

Drawing Number / Tekeningnommer	W001 / D052
Bogie Type / Draaisteltipe	SPOORBARBER "HYBRID"
Bearing Size / Laergrootte	D
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 10
Brake System / Remstelsel	V
Brake Cylinders / Remsilinders	(V) 2 , 18 (L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65 (L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 85 / 27,4 (L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS

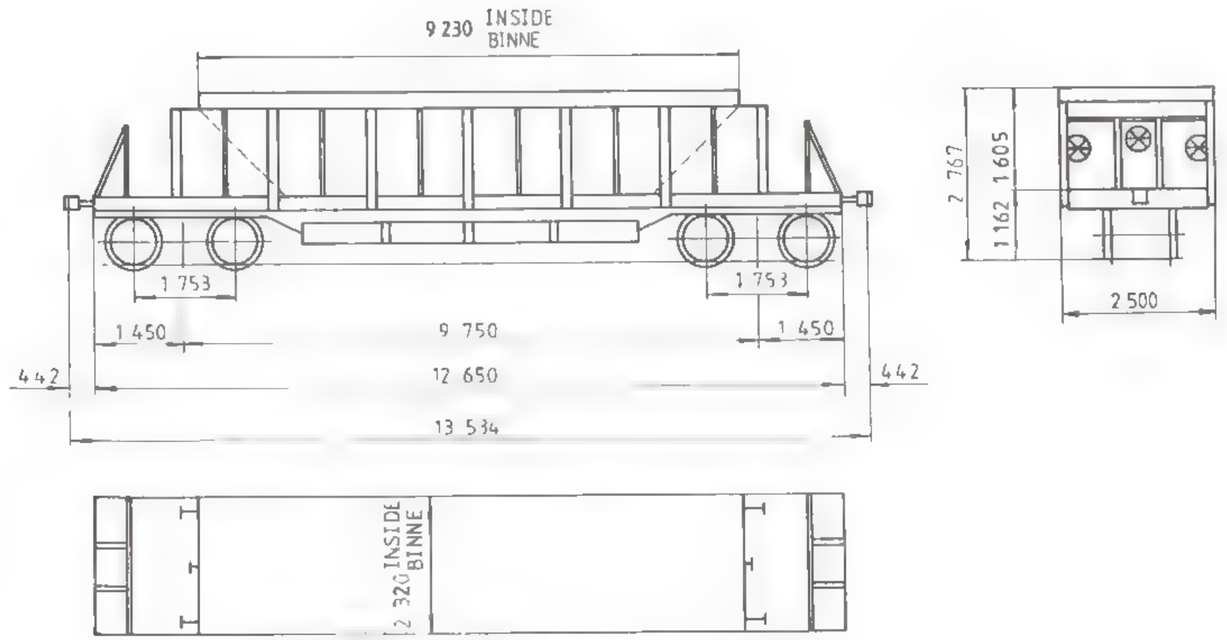
Centre of Gravity (Empty) / Swaartepunt (Leeg)	938
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	BALLAST BALLAS
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

Tare (Average) kg / Tarra (Gemiddeld)	23 700
Load kg / Vrag	50 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m² / Vloeroppervlakte	
Capacity m³ / Inhoudsvermoë	32,43

AY-12

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting



Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
69-040 001 / 69-041 083	1980

Remarks / Opmerkings :- RECODED FROM AY-12 FOR BLOCK LOADS ON R/BAY LINE
HERKODEER VAN AY-12 VIR BLOKVRAGTE OP R/BAAILYN

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
M Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Drawing Number / Tekeningnommer		W001 / DO 52	
Bogie Type / Draaisteltipe		SPOORBARBER "HYBRID"	
Bearing Size / Laergrootte		D	
Springs per Bogie / Vere per Draaistel	Outer / Inner / Buite / Binne	10 / 10	
Brake System / Remstelsel		√	
Brake Cylinders / Remsilinders		(V) 2 / 18	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp		(V) 65	(L)
Brake Percentage / Rempersentasie	Empty / Loaded / Leeg / Met Vrag	(V) 85 / 27,4	(L)
Drawgear Equipment / Trekwerkuitrusting		AAR M901 E	
Coupler / Yoke / Koppelaar / Juk		SASKOP-S / SAR SAS	

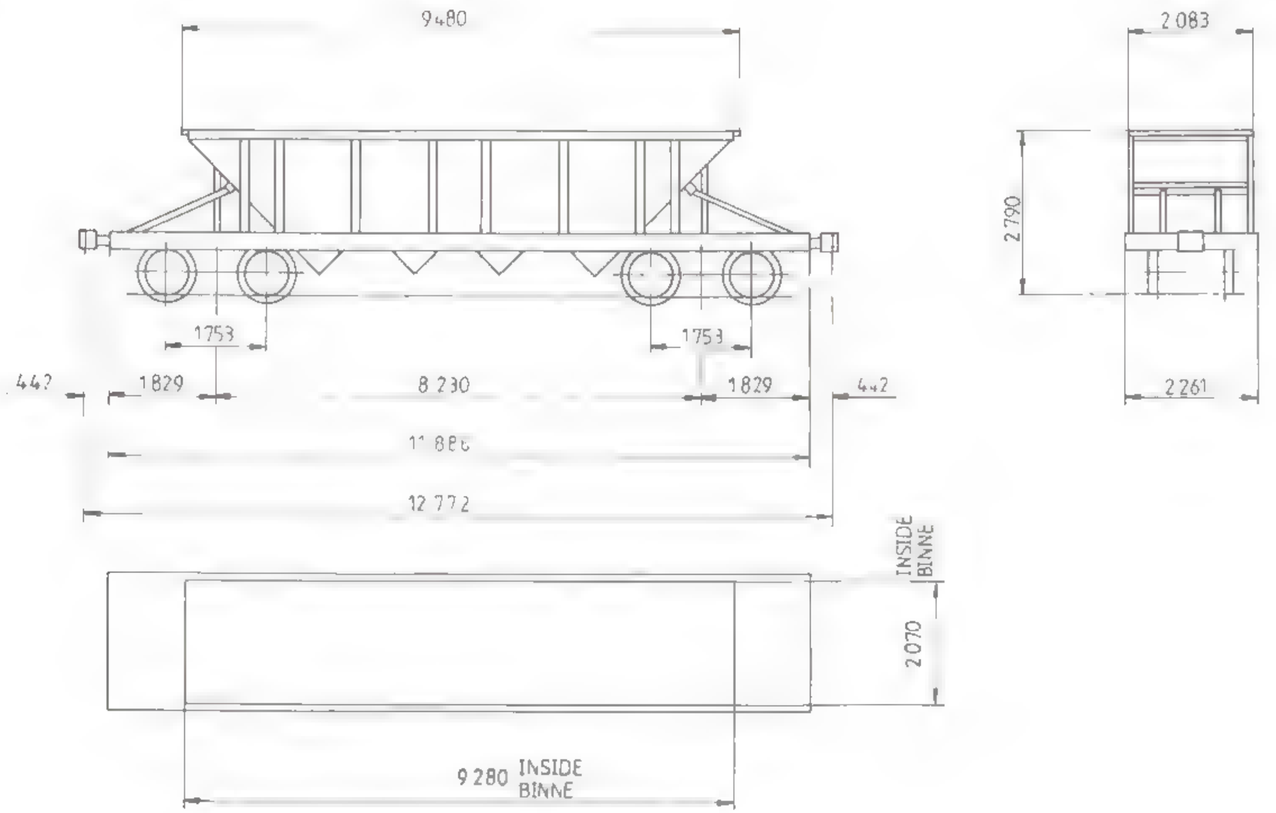
Centre of Gravity (Empty) / Swaartepunt (Leeg)	939
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	BALLAST / BALLAS
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

Converted from / Omskep van	Date / Datum

Tare (Average) kg / Tarra (Gemiddeld) kg	23 700
Load kg / Vrag kg	50 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	
Capacity m^3 / Inhoudsvermoë m^3	32,93

AYJ-12



Remarks
Opmerkings

Vehicle Numbers Voerturgnommers	Placed in Service In Gebruik Geneem
67-014 194	1950

Converted from Omskep van	Date Datum
AZ-4	1975

Drawing Number Tekeningnommer	CME 103/12-B34		
Bogie Type Draaisteltipe	DIAMOND FRAME RUITRAAM		
Bearing Size Laergrootte	11 × 5½		
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	6/6		
Brake System Remsteelsel	V		
Brake Cylinders Remsilinders	(V) 2/18	(L)	
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50)	(L)	
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 81/23,7	(L)	
Drawgear Equipment Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke Koppelaar / Juk	SASKOP-S / SAR SAS		

Centre of Gravity (Empty) Swaartepunt (Leeg)	797
Design Limit – Mass on Rail kg Ontwerplimiet – Massa op Spoor	74 000
Originally designed for Oorspronklik ontwerp vir	IRON ORE YSTERERTS
Converted for Omskep vir	LIME STONE KALKSTEEN

Revision Hersiening						
Date Datum						

Tare (Average) kg Tarra (Gemiddeld)	21 120
Load kg Vrag	51000
Load (Coal) kg Vrag (Steenkool)	
Floor Area m^2 Vloeroppervlakte	
Capacity m^3 Inhoudsvermoë	32

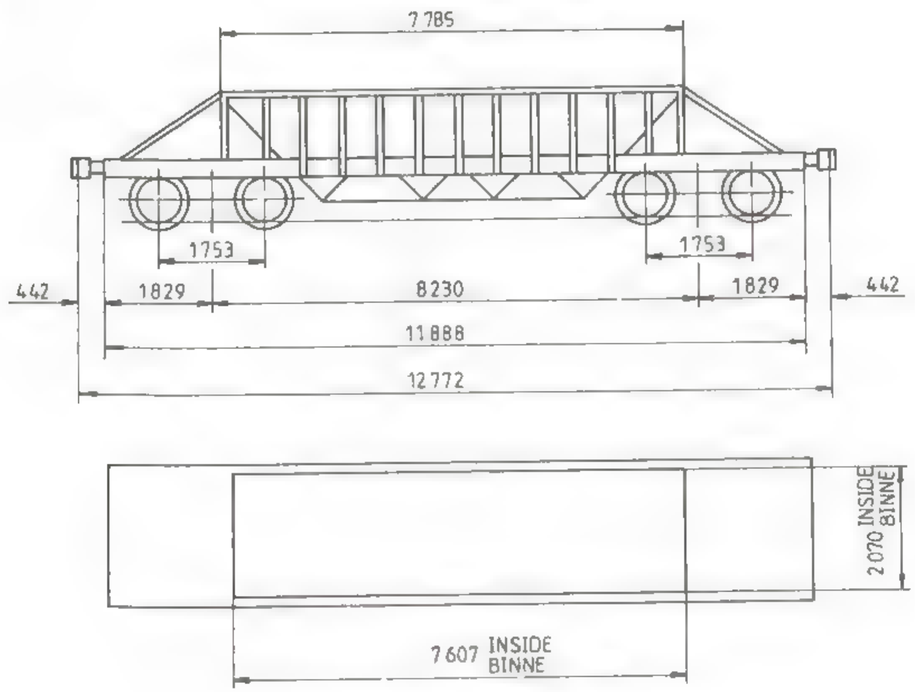
AZ - 7

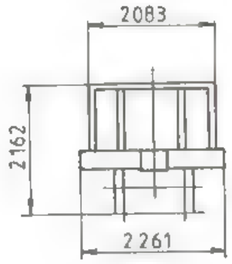
Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulliese kussinginrigting

Brake System - Remsteisel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller





Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
67-016 006 / 67-024 769	1958 - 59
67-024 777 / 67-031 374	1962
67-031 382	1959

Remarks / Opmerkings :-

Drawing Number / Tekeningnommer		CME 118/12-A21	
Bogie Type / Draaisteltipe		SARCAST	
Bearing Size / Laergrootte		11 × 5½	
Springs per Bogie / Vere per Draaistel	Outer / Inner / Buite / Binne	6/6	
Brake System / Remstelsel		V/D	
Brake Cylinders / Remsilinders		(V) 4,'1	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp		(V) 65	(L)
Brake Percentage / Rempersentasie	Empty / Loaded / Leeg / Met Vrag	(V) 79,2 35,55	(L)
Drawgear Equipment / Trekwerkuitrusting		AAR M901 E	
Coupler / Yoke / Koppelaar / Juk		SASKOP-S / SAR SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	747
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	IRON ORE / YSTERERTS
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

Converted from / Omskep van	Date / Datum

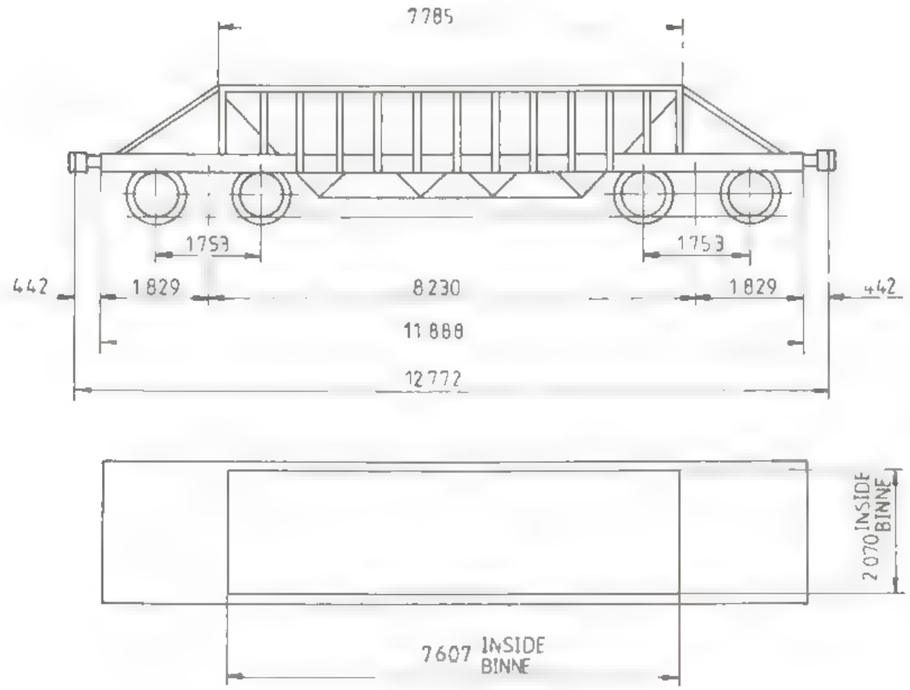
Tare (Average) kg / Tarra (Gemiddeld) kg	21 640
Load kg / Vrag kg	51 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	
Capacity m^3 / Inhoudsvermoë m^3	19 8

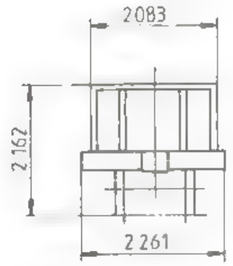
AZD-4

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting





Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
67-032 001 / 67-036 392	1964 - 65

Remarks
Opmerkings :-

Converted from Omskep van	Date Datum

Brake System - Remstelsel

V Vacuum Vakuum
L Air Lug
Dual Power - Manually operated
Tweekrag - Handbediening
A Dual Power - Automatic
Tweekrag - Outomaties
R Slack Adjuster
Remversteller

Drawing Number Tekeningnommer	CME 138/12 A21	
Bogie Type Draaisteltipe	SARCAST	
Bearing Size Laergrootte	11 × 5½	
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	6/6	
Brake System Remstelsel	V/D	
Brake Cylinders Remsilinders	(V) 4/18	(L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 77,24 / 35,3	(L)
Drawgear Equipment Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke Koppelaar / Juk	SASKOP-S / SAR SAS	

Centre of Gravity (Empty) Swaartepunt (Leeg)	747	
Design Limit – Mass on Rail kg Ontwerplimiet – Massa op Spoor	74 000	
Originally designed for Oorspronklik ontwerp vir	IRON ORE YSTERERTS	
Converted for Omskep vir		

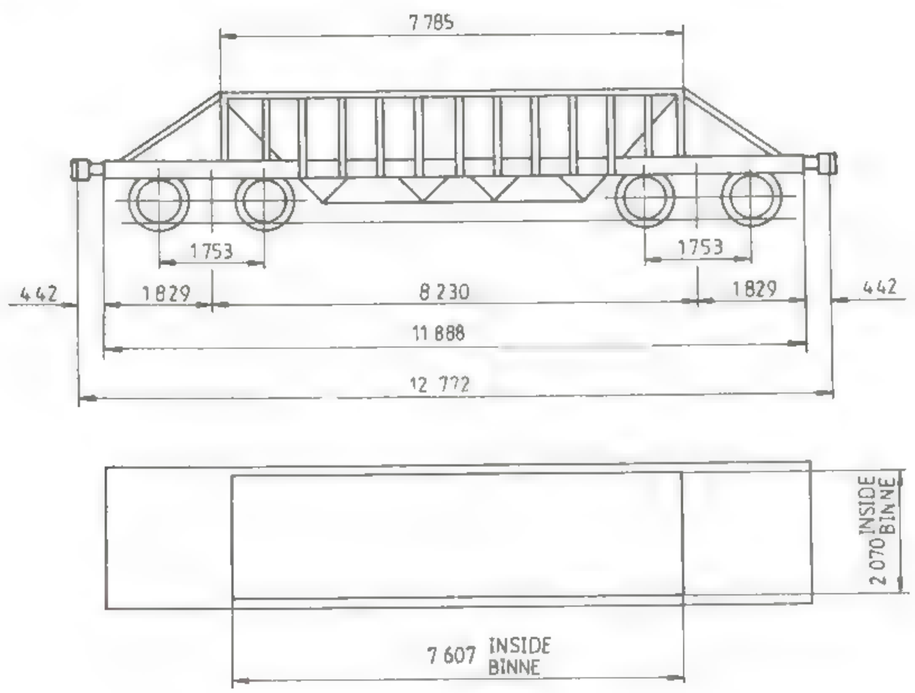
Revision Hersiening						
Date Datum						

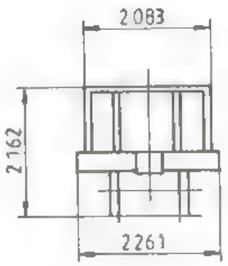
Tare (Average) kg Tarra (Gemiddeld)	22140
Load kg Vrag	51000
Load (Coal) kg Vrag (Steenkool)	
Floor Area m^2 Vloeroppervlakte	
Capacity m^3 Inhoudsvermoë	19,8

AZD-5

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller





Remarks / Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
67 - 037 003 / 67 - 041 388	1968

Converted from / Omskep van	Date / Datum

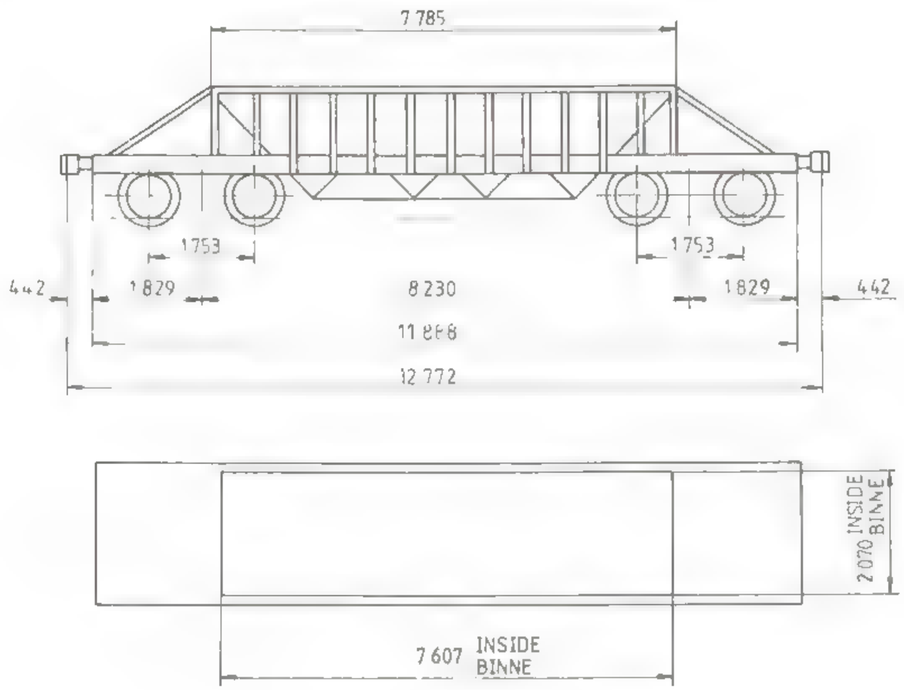
Drawing Number / Tekeningnommer	W1/2004S	
Bogie Type / Draaisteltipe	SPOORBARBER	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10	
Brake System / Remstelsel	V/D	
Brake Cylinders / Remsilinders	(V) 4/18	(L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 79,54/35,62	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS	

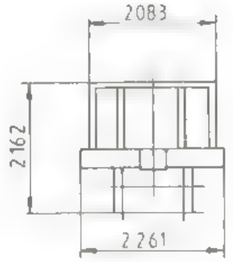
Centre of Gravity (Empty) / Swaartepunt (Leeg)	747
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	IRON ORE / YSTERERTS
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

Tare (Average) kg / Tarra (Gemiddeld)	21 500
Load kg / Vrag	51 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	
Capacity m^3 / Inhoudsvermoë	19,8

AZD-6





Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
67 - 016 006 / 67 - 024 769	1958 - 59
67 - 024 777 / 67 - 031 374	1962
67 - 031 382	1959

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Remarks / Opmerkings :-

Drawing Number / Tekeningnommer	CME 118/12-A21	
Bogie Type / Draaisteltipe	SARCAST	
Bearing Size / Laergrootte	11 x 5½	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6/6	
Brake System / Remstelsel	V	
Brake Cylinders / Remsilinders	(V) 2/18	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 81,27/23,73	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	747
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	IRON ORE / YSTERERTS
Converted for / Omskep vir	

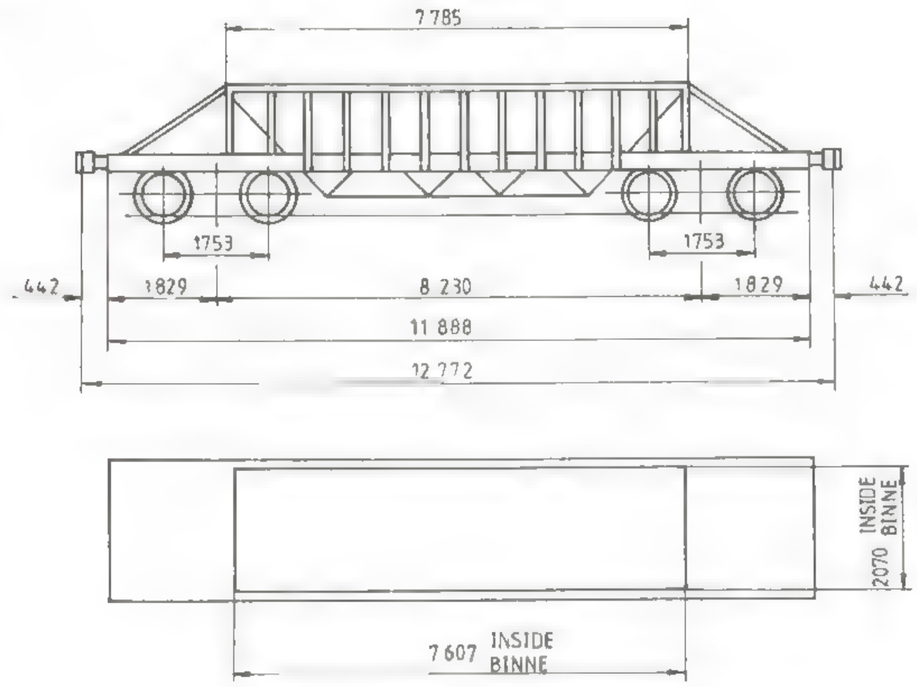
Revision / Hersiening						
Date / Datum						

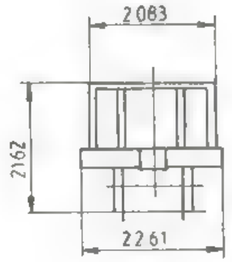
Converted from / Omskep van	Date / Datum
AZD-4	1980

Tare (Average) kg / Tarra (Gemiddeld)	21040
Load kg / Vrag	51000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	
Capacity m^3 / Inhoudsvermoë	198

AZJ-4

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingrigting





Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
67-032 001/67-036 392	1964 - 65

Remarks / Opmerkings ..

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power – Manually operated / Tweekrag – Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Drawing Number / Tekeningnommer	CME 138/12-A21	
Bogie Type / Draaisteltipe	SARCAST	
Bearing Size / Laergrootte	11×5½	
Springs per Bogie Outer / inner / Vere per Draaistel Buite / Binne	6/6	
Brake System / Remstelsel	V	
Brake Cylinders / Remsilinders	(V) 2/18	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 79,4/23,57	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	747
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	IRON ORE / YSTERERTS
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

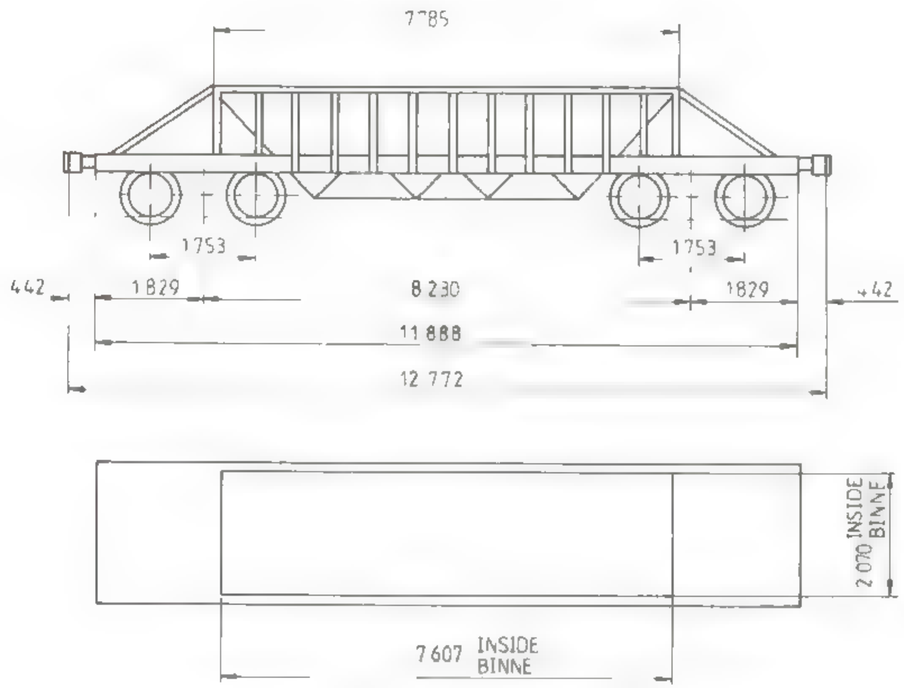
Converted from / Omskep van	Date / Datum
AZD-5	1960

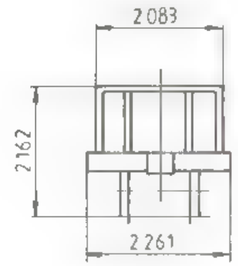
Tare (Average) kg / Tarra (Gemiddeld) kg	21 540
Load kg / Vrag kg	51 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	
Capacity m^3 / Inhoudsvermoë m^3	19,8

AZJ-5

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller





Remarks
Opmerkings

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
67-037003/67-041388	1968

Converted from / Omskep van	Date / Datum
AZD-6	1980

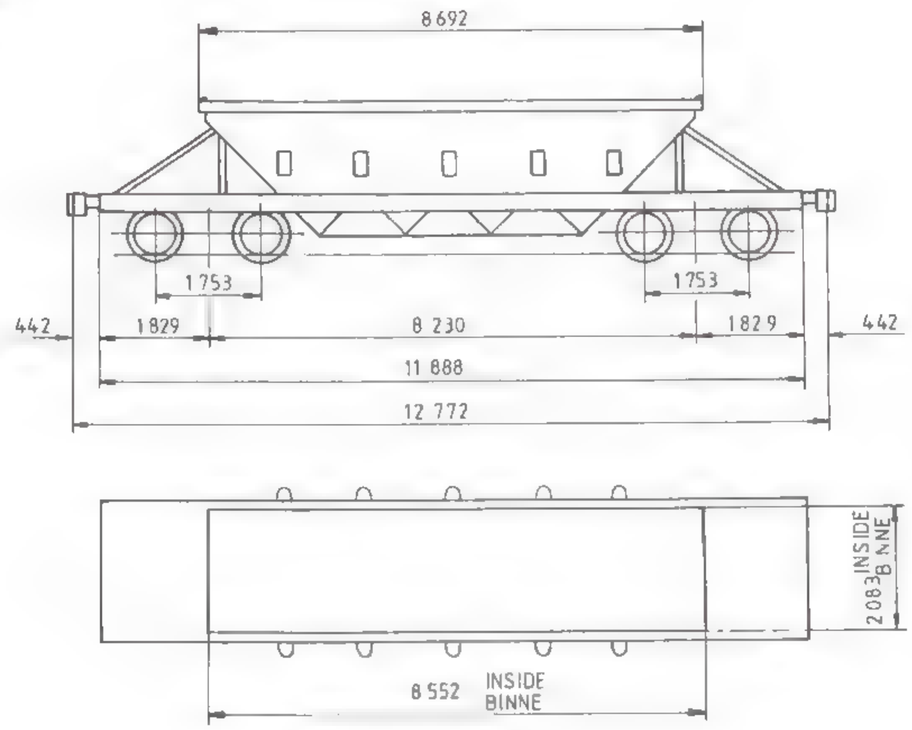
Drawing Number / Tekeningnommer	W1/20045		
Bogie Type / Draaisteltipe	SPOORBARBER		
Bearing Size / Laergrootte	D		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10		
Brake System / Remstelsel	V		
Brake Cylinders / Remsilinders	(V) 2/18	(L)	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 81 82/23,78	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS		

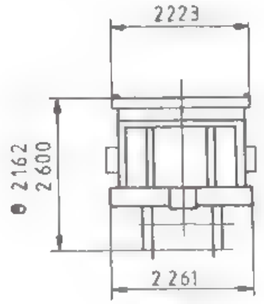
Centre of Gravity (Empty) / Swaartepunt (Leeg)	747						
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	74000						
Originally designed for / Oorspronklik ontwerp vir	IRON ORE / YSTERERTS						
Converted for / Omskep vir							
Revision / Hersiening							
Date / Datum							

Tare (Average) kg / Tarra (Gemiddeld) kg	20900
Load kg / Vrag kg	51000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	
Capacity m^3 / Inhoudsvermoe m^3	19,8

AZJ-6

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting





67-020 291
67-026 443
67-026 524
67-026 532
67-027 431
67-027 628
67-028 675
67-029 337
67-029 752

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
67-016 006 / 67-024 769	1958 - 59
67-024 777 / 67-031 374	1962
67-031 382	1959

Remarks / Opmerkings :-

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Drawing Number / Tekeningnommer	CME 118/12-A21	
Bogie Type / Draaisteltipe	SPOORBARBER	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10	
Brake System / Remstelsel	L/V/R	
Brake Cylinders / Remsilinders	(V) 2/18	(L) 2/7 x 12
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) 32
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 76 / 22,6	(L) 68 2/20,3
Drawgear Equipment / Trekwerkuitrusting	AAR M901E	
Coupler / Yoke / Koppelaar / Juk	SASKOP S / SAR SAS	

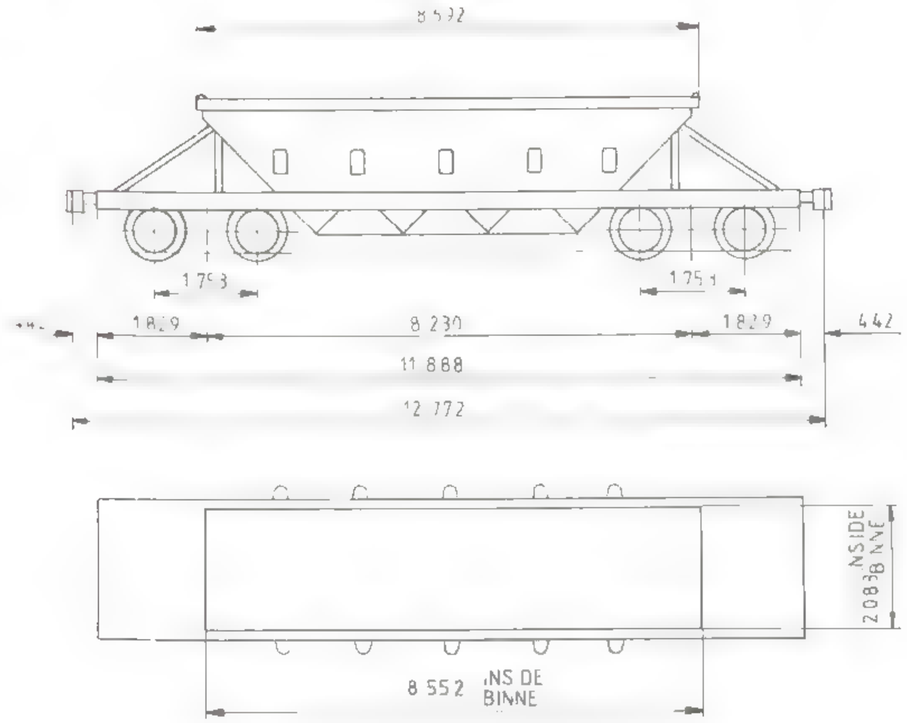
Centre of Gravity (Empty) / Swaartepunt (Leeg)	
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	IRON ORE / YSTERERTS
Converted for / Omskep vir	

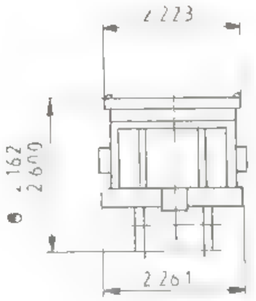
Revision / Hersiening						
Date / Datum						

Converted from / Omskep van	Date / Datum
AZD-4	1987-1989
Tare (Average) kg / Tarra (Gemiddeld) kg	21 050
Load kg / Vrag kg	● 51 000 53 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	
Capacity m^3 / Inhoudsvermoë m^3	28,84

AZLJ-4

40





67 032 938
67-033 504
67 033 512
67 033 644
67 033 725
67 034 861
67 034 969
67 035 353
67-035 736
67 035 984
67 035 930

Drawgear Equipment · Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidroulliese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidroulliese kussingmrigting

Brake System · Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power-Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remversteller

Remarks
Opmerkings

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
67 032 001 / 67 036 392	1964/65

Converted from / Omskep van	Date / Datum
AZD-5	1987 1989

Drawing Number / Tekeningnommer		CME 138/12-A21	
Bogie Type / Draaisteltipe		SPOORBARBER	
Bearing Size / Laergrootte		D	
Springs per Bogie / Vere per Draaistel	Outer / Inner / Buite / Binne	10 / 10	
Brake System / Remstelsel		L/V/R	
Brake Cylinders / Remsilinders		(V) 2/18	(L) 2/7 x 12
Train Pipe / Treinpyp / Brake Pipe / Rempyp		(V) 65	(L) 32
Brake Percentage / Rempersentasie	Empty / Loaded / Leeg / Met Vrag	(V) 74,3/22,5	(L) 66,6/ 20, 2
Drawgear Equipment / Trekwerkuitrusting		AAR M901 E	
Coupler / Yoke / Koppelaar / Juk		SASKOP-S	/ SAR SAS

Centre of Gravity (Empty) / Swaartepunt (Leeg)		Tare (Average) kg / Tarra (Gemiddeld) kg	21 050
		Load kg / Vrag kg	51 000 53 000
		Load (Coal) kg / Vrag (Steenkool) kg	
		Floor Area m^2 / Vloeroppervlakte m^2	
		Capacity m^3 / Inhoudsvermoe m^3	79,84
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor kg	74 000		
Originally designed for / Oorspronklik ontwerp vir	IRON ORE / YSTERERTS		
Converted for / Omskep vir			

Revision / Hersiening						
Date / Datum						

AZLJ-5

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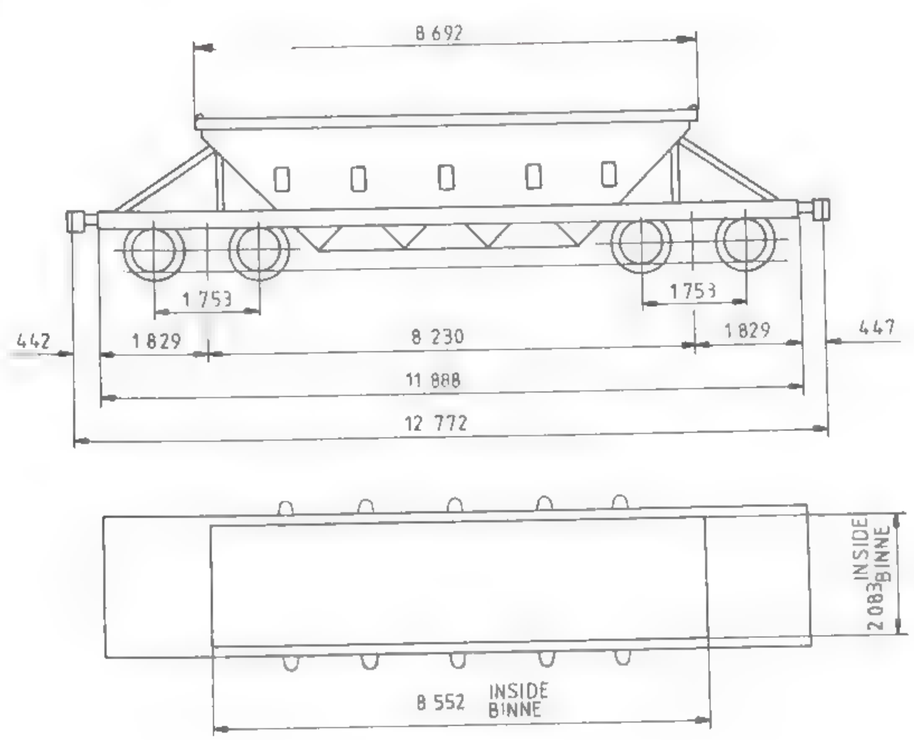
Drawgear Equipment - Trekwerkuitrusting

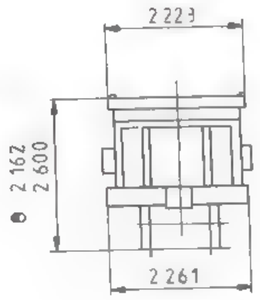
KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power-Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remversteller





67-037 054
67-037 178
67-037 917
67-038 522
67-039 545
67-039 650
67-040 276

Remarks
Opmerkings

Drawing Number / Tekeningnommer	W1/20045	
Bogie Type / Draaisteltipe	SPOORBARBER	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10	
Brake System / Remstelsel	L/V/R	
Brake Cylinders / Remsilinders	(V) 2/18	(L) 2/7 x 12
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L) 32
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 76,6/22,7	(L) 68,6/20,4
Drawgear Equipment / Trekwerkuitrusting	AAR M901E	
Coupler / Yoke / Koppelaar / Juk	SASKOP-S	/ SAR SAS

Centre of Gravity (Empty) / Swaartepunt (Leeg)							
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	74 000						
Originally designed for / Oorspronklik ontwerp vir	IRON ORE / YSTERERTS						
Converted for / Omskep vir							
Revision / Hersiening							
Date / Datum							

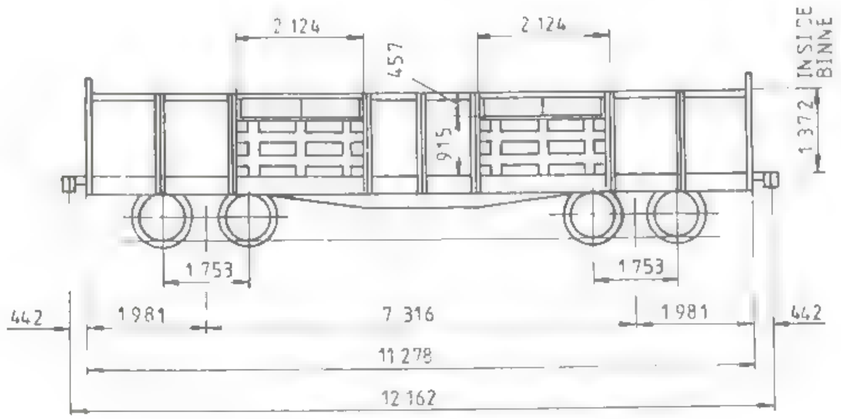
Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
67-037 003 / 67-041 388	1968

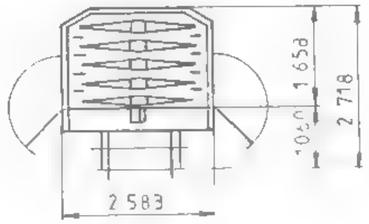
Converted from / Omskep van	Date / Datum
AZO-6	1988
Tare (Average) kg / Tarra (Gemiddeld) kg	21 050
Load kg / Vrag kg	51 000 / 53 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	
Capacity m^3 / Inhoudsvermoe m^3	28,84

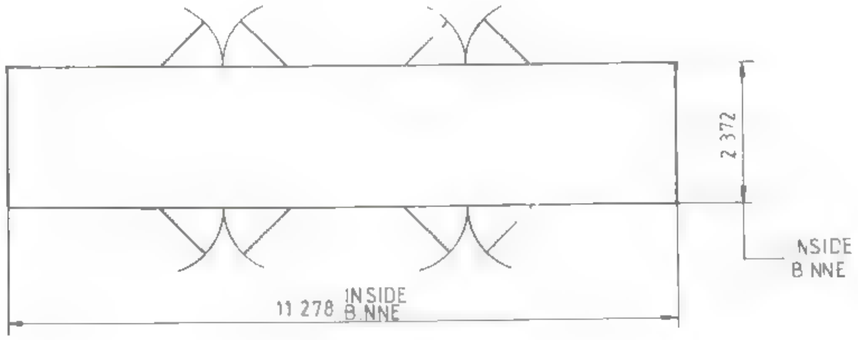
AZLJ-6

08-85

42







Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remverstelter

Remarks / Opmerkings :-

Drawing Number / Tekeningnommer	C.E.No A 1/15542 C.E.No A 1/15826	
Bogie Type / Draaisteltipe	CANCAR	
Bearing Size / Laergrootte	10×5	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6 / 0	
Brake System / Remstelsel	V	
Brake Cylinders / Remsilinders	(V) 2/18	(L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50)	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 81,2 / 22,4	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	768
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	60 000
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
52-010 007 / 52-013 472	1946
52-013 480 / 52 018 040	1945
52-018 059 / 52-026 264	1943–44
52-026 272 / 52-033 686	1944
52-033 694 / 52-044 645	1946
52-044 653 / 52-066 517	1949
52-066 525 / 52-088 448	1949
52 088 588 / 52 088 650	1949
52 088 553, 52-088 561	1948-49
52-304 000 / 52-314 995	1943–49

Converted from / Omskep van	Date / Datum

Tare (Average) kg / Tarra (Gemiddeld) kg	16 750
Load kg / Vrag kg	44 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	26,8
Capacity m^3 / Inhoudsvermoë m^3	36,7

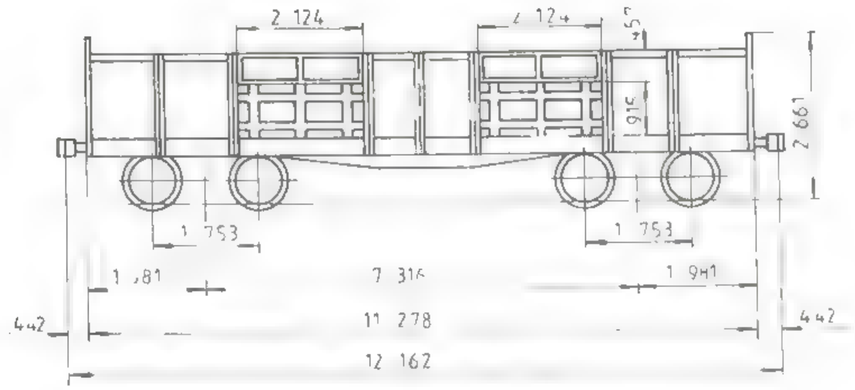
B-1

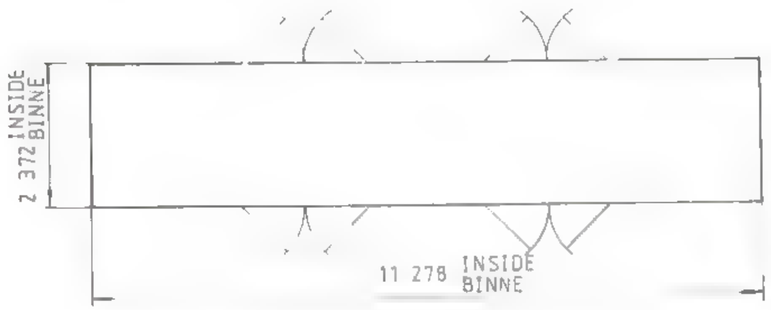
43

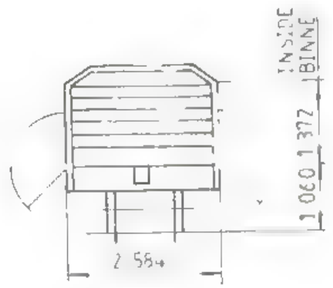
Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

B-22

Brake System - Remstelsel
A Dual Power-Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening







Remarks :- Opmerkings
* DIAMOND FRAME / RUITRAAM *1
CANCAR *2
SARCAST *3
*4 CORTEN BODIES / BAKKE

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
52-090 000 / 52-092 712	1949-1950
52-092 720 / 52-131 335	1947-1948
52-131 343 / 52-147 657	1951-1952
52-147 665 / 52-169 464	1952-1953
52-169 472 / 52-180 417	1954-1955
52-180 425 / 52-191 389	1955-1956
52-191 397 / 52-202 275	1956-1957
52-202 283 / 52-218 783	1959-1961
52-218 791 / 52-240 665	1957-1958
52-240 673 / 52-251 616	1963-1965
52-251 624 / 52-262 588	1962-1963
52-262 596 / 52-281 256	1965-1968
52-281 264 / 52-281 469	1952-1961
52-281 485	1957-1958
52-281 477	1947
52-281 515	1956
52-281 558	1947
52-281 566	[illegible]
52-281 574	194[illegible]
52-281 582	1949
52-281 590	1953
52-281 604	1947
52-281 612	1956
52-281 620	1964
52-281 639	1947

Converted from / Omskep van	Date / Datum

Drawing Number / Tekeningnommer	CME 126/12-A21
Bogie Type / Draaisteltipe	*
Bearing Size / Laergrootte	10 x 5
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6 / 0
Brake System / Remstelsel	V
Brake Cylinders / Remsilinders	(V) 2 / 18 (L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65(50) (L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 82 S 24,2 (L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS

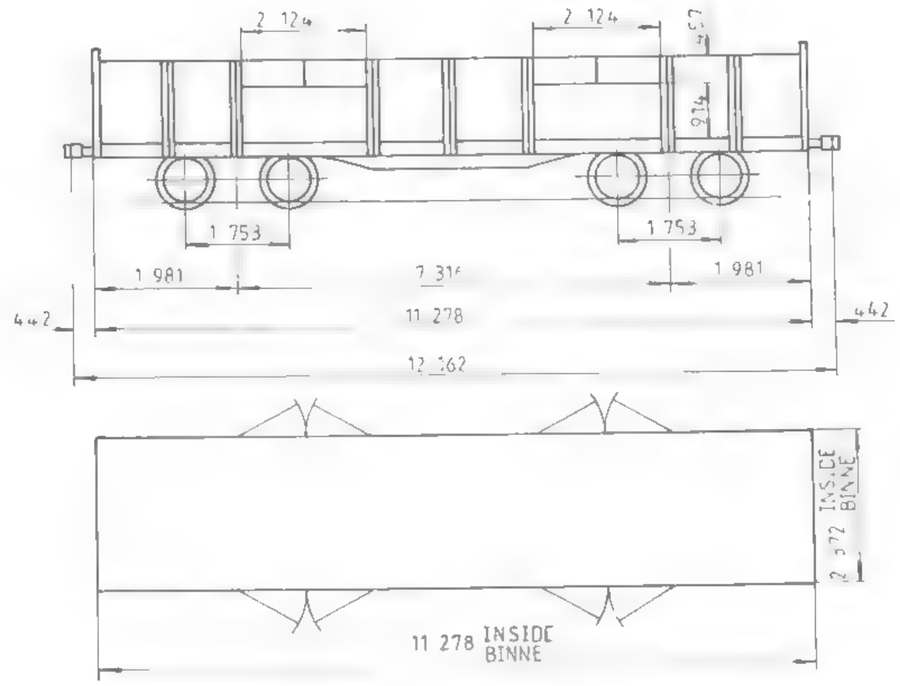
Centre of Gravity (Empty) / Swaartepunt (Leeg)	768
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE
Converted for / Omskep vir	

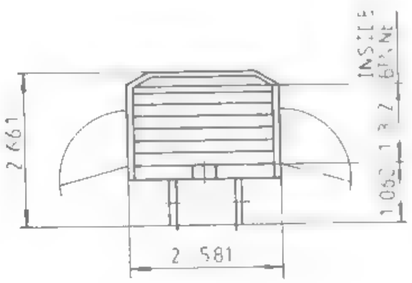
Revision / Hersiening						
Date / Datum						

Tare (Average) kg / Tarra (Gemiddeld)	18 280
Load kg / Vrag	44 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	25 [illegible]
Capacity m^3 / Inhoudsvermoë	36,7

B-2

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting





Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
52-282 007 / 52-303 837 52-303 845 / 52-303 853	1955 - 1956 1955

Remarks
Opmerkings :-

Converted from Omskep van	Date Datum

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Drawing Number Tekeningnommer		± N°A 1/1599A	
Bogie Type Draaisteltipe		CANCAR	
Bearing Size Laergrootte		10 x 5	
Springs per Bogie Vere per Draaistel	Outer / Inner Buite / Binne	(0	
Brake System Remstelsel		v	
Brake Cylinders Remsilinders		(V) 2 / 18	(L)
Train Pipe / Treinpyp Brake Pipe / Rempyp		(V) 60 (50)	(L)
Brake Percentage Rempersentasie	Empty / Loaded Leeg / Met Vrag	(V) 86,1/24,5	(L)
Drawgear Equipment Trekwerkuitrusting		AAR M901 E	
Coupler / Yoke Koppelaar / Juk		SASKOP - S / SAR SAS	

Centre of Gravity (Empty) Swaartepunt (Leeg)			768				
Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor			60 000				
Originally designed for Oorspronklik ontwerp vir			[illegible]				
Converted for Omskep vir							
Revision Hersiening							
Date Datum							

Tare (Average) kg Tarra (Gemiddeld)	17 51[illegible]
Load kg Vrag	44 000
Load (Coal) kg Vrag (Steenkool)	
Floor Area m^2 Vloeroppervlakte	26 m
Capacity m^3 Inhoudsvermoe	-

B-3

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device / Koppelaar hidroulièse kussingrigting

SSC Centre sill hydraulic cushioning device / Middelbalk hidroulièse kussingrigting

Brake System - Remstelsel

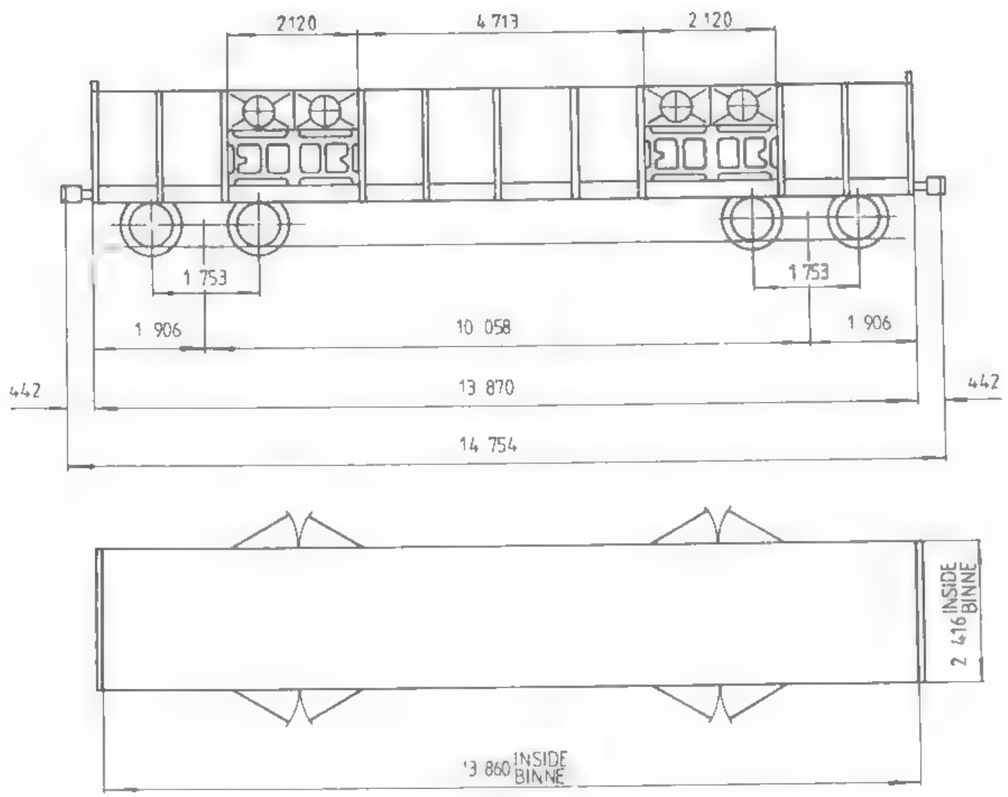
V Vacuum / Vakuum

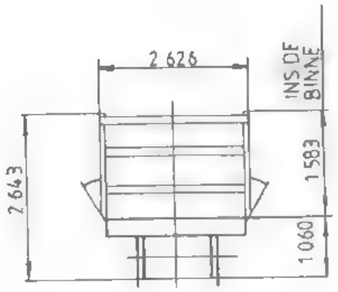
L Air / Lug

Dual Power - Manually operated / Tweekrag - Handbediening

A Dual Power - Automatic / Tweekrag - Outomaties

Slack Adjuster / Remversteller





Remarks / Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
62-010 018 / 62-027 042	1968-69
62-027 050 / 62-041 894	1969-70
62-041 908 / 62-051 830	1970-71
62-051 849 / 62-059 572	1970-71
62-059 599 / 62-077 295	1971-72
62-077 309 / 62-094 971	1972-73

Drawing Number / Tekeningnommer	CME 111/12-C55
Bogie Type / Draaisteltipe	SPOORBARBER
Bearing Size / Laergrootte	D
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10
Brake System / Remstelsel	V/D/R
Brake Cylinders / Remsilinders	(V) 4/15 (L) —
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65 (L) ——
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 57,0/38,0 (L) -
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E
Coupler / Yoke / Koppelaar / Juk	SASKOP-S/S.A.R S.A.S

Centre of Gravity (Empty) / Swaartepunt (Leeg)	
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

Converted from / Omskep van	Date / Datum

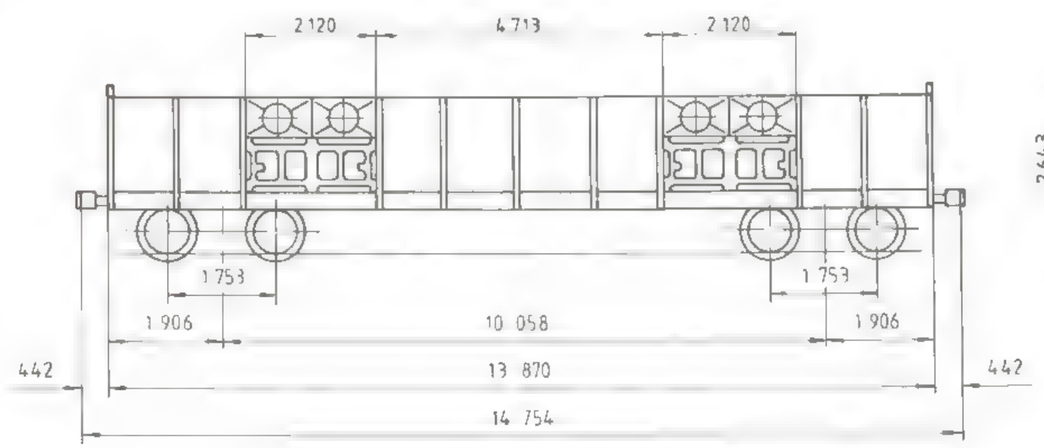
Tare (Average) kg / Tarra (Gemiddeld) kg	21 460
Load kg / Vrag kg	48 000
Load (Coal) kg / Vrag (Steenkool) kg	——
Floor Area m^2 / Vloeroppervlakte m^2	33,5
Capacity m^3 / Inhoudsvermoe m^3	53

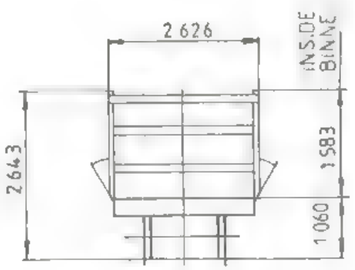
BAD-1

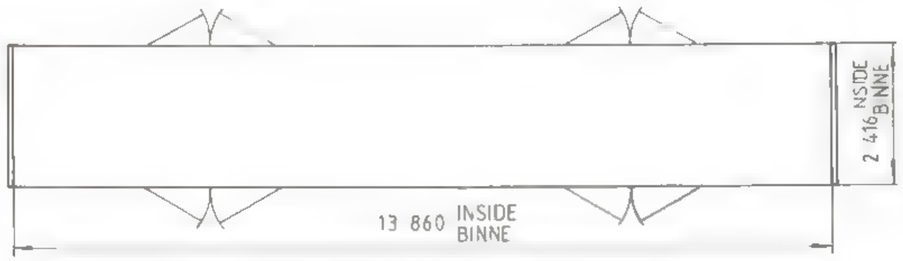
46

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening







Remarks
Opmerkings

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
62-096 001 / 62-113 690	1973 - 74

Converted from / Omskep van	Date / Datum

Drawing Number / Tekeningnommer	CME 112/12-C55
Bogie Type / Draaisteltipe	SPOORBARBER
Bearing Size / Laergrootte	▯
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10
Brake System / Remstelsel	V/D/R
Brake Cylinders / Remsilinders	(V) 4/15 (L) ——
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65 (L) ——
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 57,0/38,0 (L) ——
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAS SAR

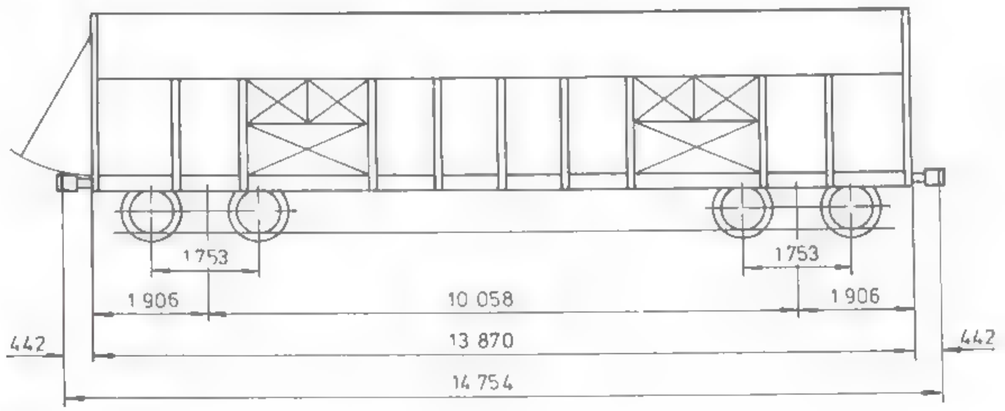
Centre of Gravity (Empty) / Swaartepunt (Leeg)	
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE
Converted for / Omskep vir	

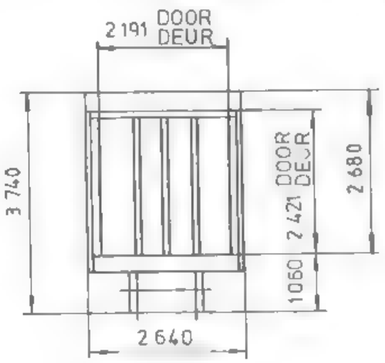
Revision / Hersiening						
Date / Datum						

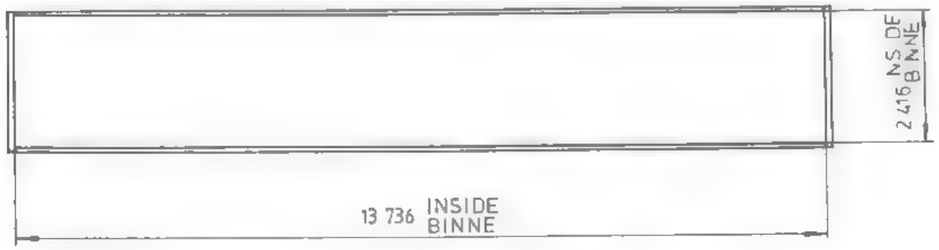
Tare (Average) kg / Tarra (Gemiddeld) kg	21 460
Load kg / Vrag kg	48 000
Load (Coal) kg / Vrag (Steenkool) kg	——
Floor Area m^2 / Vloeroppervlakte m^2	33,5
Capacity m^3 / Inhoudsvermoë m^3	53

BAD-2

47







Remarks :-
Opmerkings

Vehicle Numbers / Voertuignommers	Placed in Service / in Gebruik Geneem
62-113 704 / 62-114 573	1968 - 1973

Converted from / Omskep van	Date / Datum
BAD-1	1975 AND EN 1978

Drawing Number / Tekeningnommer	CME 112/12-C99		
Bogie Type / Draaisteltipe	SPOORBARBER		
Bearing Size / Laergrootte	D		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10		
Brake System / Remstelsel	V/L/R		
Brake Cylinders / Remsilinders	(V) 4/15	(L)	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 52,5/37,0	(L) —	
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS		

Centre of Gravity (Empty) / Swaartepunt (Leeg)	
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE
Converted for / Omskep vir	WOOD CHIPS / HOUTSPAANDERS

Revision / Hersiening						
Date / Datum						

Tare (Average) kg / Tarra (Gemiddeld) kg	23 290
Load kg / Vrag kg	48 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	33,2
Capacity m^3 / Inhoudsvermoë m^3	89

BAD-3

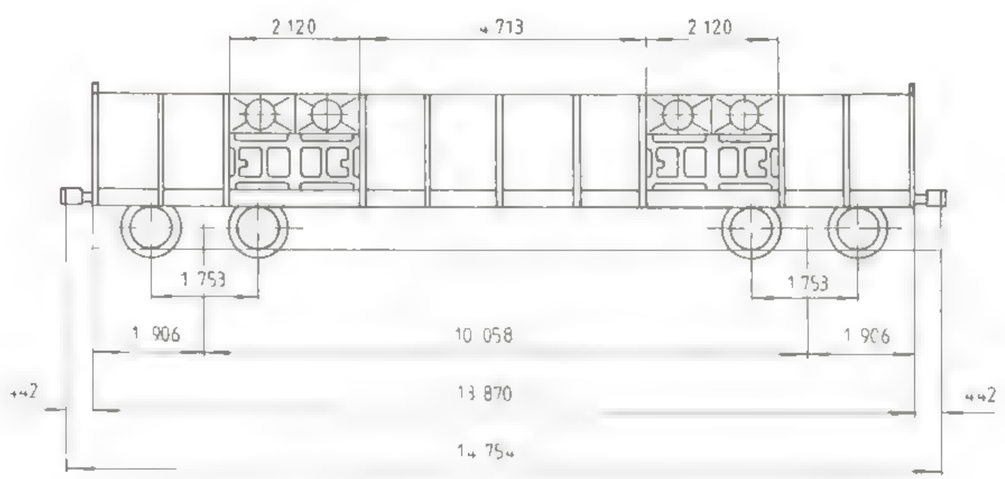
Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraul■ cushionin■ device / Middelbalk hidrouliese kussinginrigting

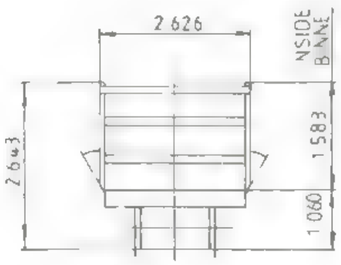
Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

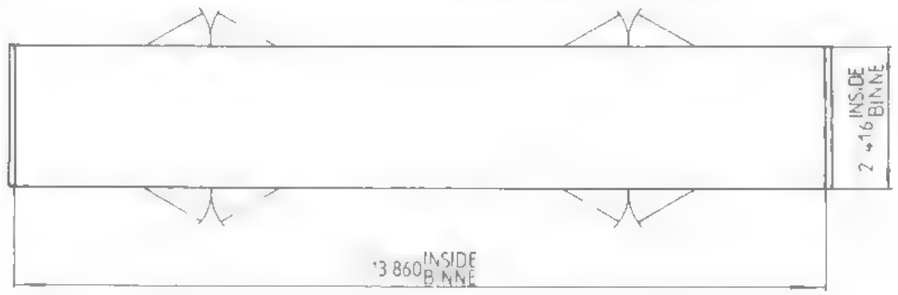
48

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingrigting

Brake System - Remstelsel
A Dual Power-Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening







Remarks :-
Opmerkings

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
62-010 018 / 62-027 042	1968-69
62-027 050 / 62-041 894	1969-70
62-041 908 / 62-051 830	1970-71
62-051 849 / 62-059 572	1970-71
62-059 580	1969
62-059 599 / 62-077 295	1971-72
62-077 309 / 62-094 971	1972-73
62-094 998	1973
62-095 005 / 62-095 048	1968-70

Drawing Number / Tekeningnommer	CME 111/12-C55
Bogie Type / Draaisteltipe	SPOORBARBER
Bearing Size / Laergrootte	D
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10
Brake System / Remstelsel	v/R
Brake Cylinders / Remsilinders	(V) 2/15 (L) ——
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (L) ——
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 72,9/22,5 (L) ——
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E
Coupler / Yoke / Koppelaar / Juk	SASKOP-S/S.A.R. S.A.S

Centre of Gravity (Empty) / Swaartepunt (Leeg)	
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE
Converted for / Omskep vir	

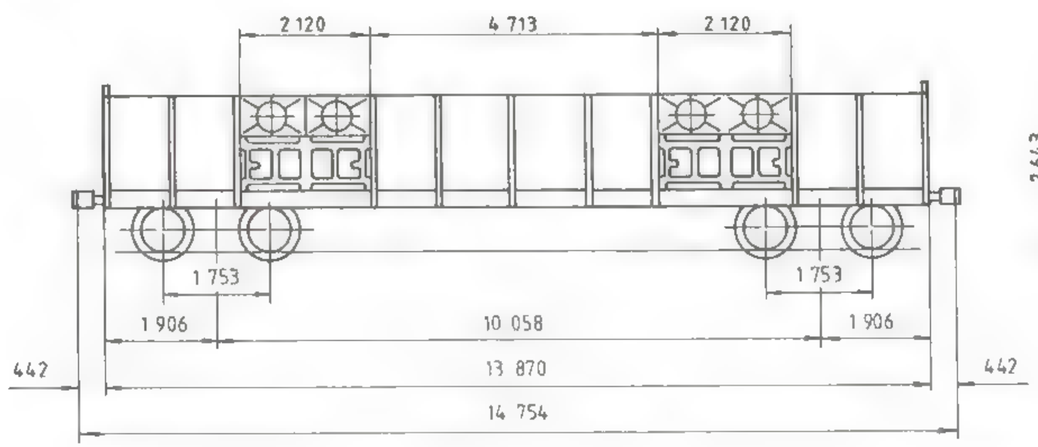
Revision / Hersiening						
Date / Datum						

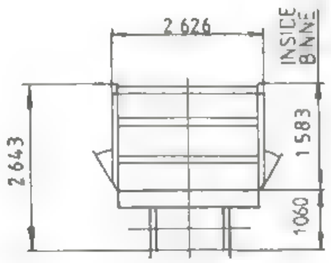
Converted from / Omskep van	Date / Datum
BAD-1	1983

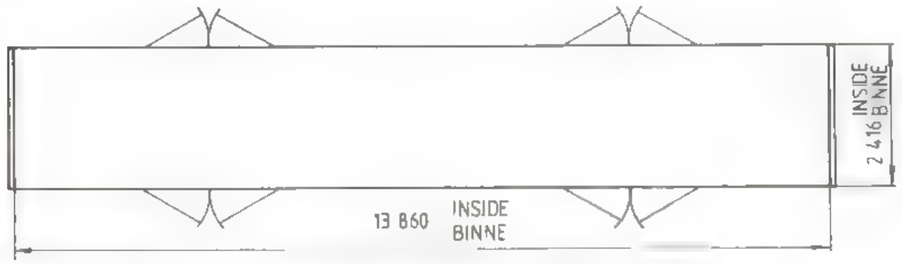
Tare (Average) kg / Tarra (Gemiddeld) kg	21 460
Load kg / Vrag kg	48 000
Load (Coal) kg / Vrag (Steenkool) kg	——
Floor Area m^2 / Vloeroppervlakte m^2	33,5
Capacity m^3 / Inhoudsvermoë m^3	53

BAJ-1

49







Remarks :-
Opmerkings

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
62-096 001 / 62-113 690	1973-74

Converted from / Omskep van	Date / Datum
BAD-2	1983-

Drawing Number / Tekeningnommer	CME 112/12-C55		
Bogie Type / Draaisteltipe	SPOORBARBER		
Bearing Size / Laergrootte	D		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 10		
Brake System / Remstelsel	V/R		
Brake Cylinders / Remsilinders	(V) 2 / 15	(L) —	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) —	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 72,9 / 22,5	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / S.A.R S.A.S		

Centre of Gravity (Empty) / Swaartepunt (Leeg)	
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

Tare (Average) kg / Tarra (Gemiddeld)	21 460
Load kg / Vrag	48 000
Load (Coal) kg / Vrag (Steenkool)	—
Floor Area m^2 / Vloeroppervlakte	33,5
Capacity m^3 / Inhoudsvermoe	53

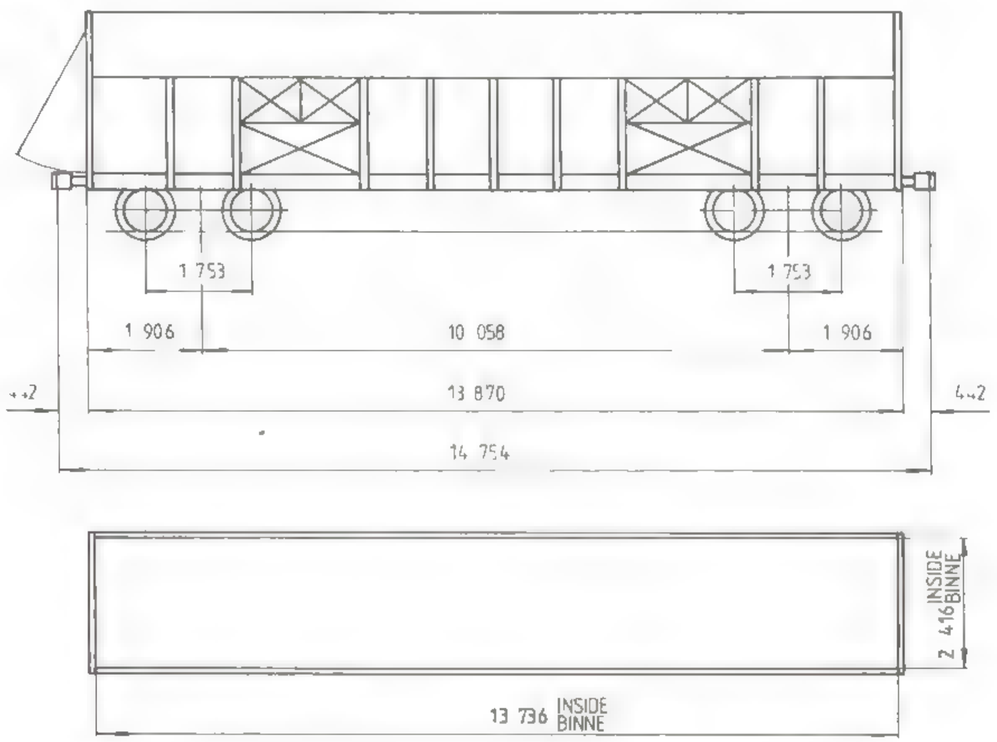
BAJ-2

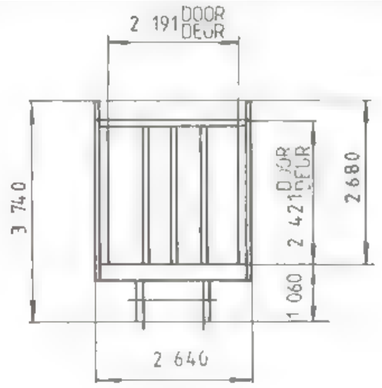
Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulliese kussingrigting
SSC Centre sill Hydraulic cushioning device / Middelbalk hidroulliese kussingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
S Slack Adjuster / Remversteller

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller





Remarks / Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
62-113 704/62-114 573	1968-1973
62-114 581/62-114 603	1972

Converted from / Omskep van	Date / Datum
BAD 1	1975 AND EN 1978
BAD 3	1983-

Drawing Number / Tekeningnommer		CME 112/12-C99	
Bogie Type / Draaisteltipe		SPOORBARBER	
Bearing Size / Laergrootte		D	
Springs per Bogie / Vere per Draaistel	Outer / Inner / Buite / Binne	10/10	
Brake System / Remstelsel		V/F	
Brake Cylinders / Remsilinders		(V) 2×15	(L) —
Train Pipe / Treinpyp / Brake Pipe / Rempyp		(V) 65	(L) —
Brake Percentage / Rempersentasie	Empty / Loaded / Leeg / Met Vrag	(V) 67,2 / 21,9	(L) —
Drawgear Equipment / Trekwerkuitrusting		AAR M901E	
Coupler / Yoke / Koppelaar / Juk		SASKOP-S/SAR SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE
Converted for / Omskep vir	WOOD CHIPS / HOUTSPAANDERS

Revision / Hersiening						
Date / Datum						

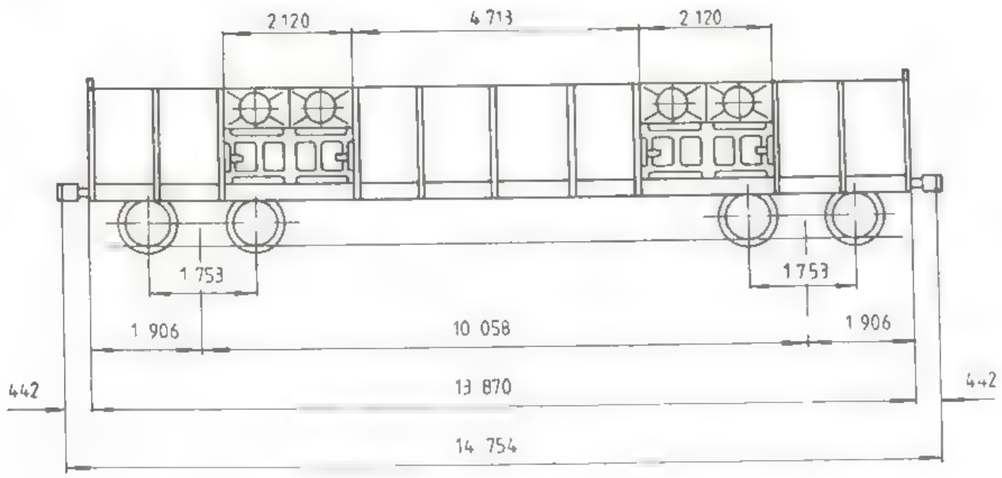
Tare (Average) kg / Tarra (Gemiddeld) kg	23 290
Load / Vrag kg	+8 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area / Vloeroppervlakte m^2	33,2
Capacity / Inhoudsvermoë m^3	89

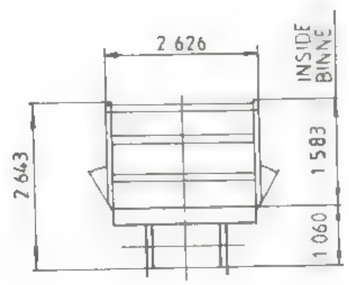
BAJ-3

51

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device
Koppelaar hidroulies kussinginrigting
SSC Centre sill hydraulic cushioning device
Middelbalk hidroulies kussinginrigting

Brake System - Remstelsel
V Vacuum Vakuum
L Air Lug
D Dual Power - Manually operated
Tweekrag - Handbediening
A Dual Power - Automatic
Tweekrag - Outomaties
■ Slack Adjuster
Remversteller





Remarks
Opmerkings

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
62-010 018/62-027 042	1968-69
62-027 050/62-041 894	1969-70
62-041 908/62-051 830	1970-71
62-051 849/62-059 572	1970-71
62-059 580	1969
62-059 599/62-077 295	1971-72
62-077 309/62-094 971	1972-73
62-094 998	1973
62-095 005/62-095 056	1968-70

Drawing Number Tekeningnommer	CME 111/12-C55
Bogie Type Draaisteltipe	SPOORBARBER
Bearing Size Laergrootte	D
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	10/10
Brake System Remstelsel	[illegible]
Brake Cylinders Remsilinders	(V) 2/15 (L) 2/7×12
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (L) 32
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 72,9/22,5 (L) 59,0/18,2
Drawgear Equipment Trekwerkuitrusting	AAR M901 E
Coupler / Yoke Koppelaar / Juk	SASKOP [illegible] / SAR SAS

Centre of Gravity (Empty) Swaartepunt (Leeg)	
Design Limit – Mass on Rail kg Ontwerplimiet – Massa op Spoor	74 000
Originally designed for Oorspronklik ontwerp vir	GENERAL GOODS ALGEMENE GOEDERE
Converted for Omskep vir	

Revision Hersiening						
Date Datum						

Converted from Omskep van	Date Datum
BAD 1	1983
BA[illegible] 1	1983
Tare (Average) kg Tarra (Gemiddeld)	21 460
Load kg Vrag	48 000
Load (Coal) kg Vrag (Steenkool)	
Floor Area m^2 Vloeroppervlakte	33.5
Capacity m^3 Inhoudsvermoë	53

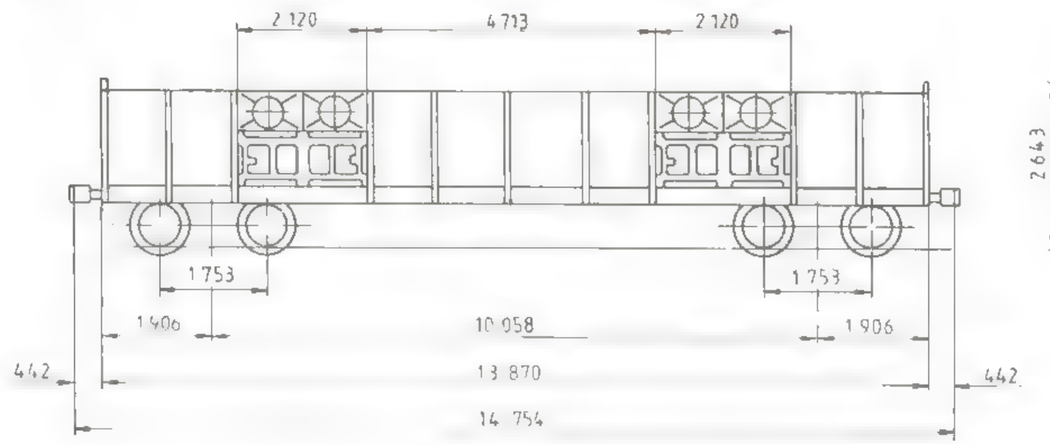
BALJ-1

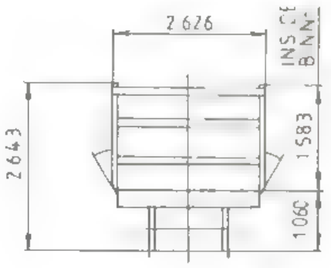
52

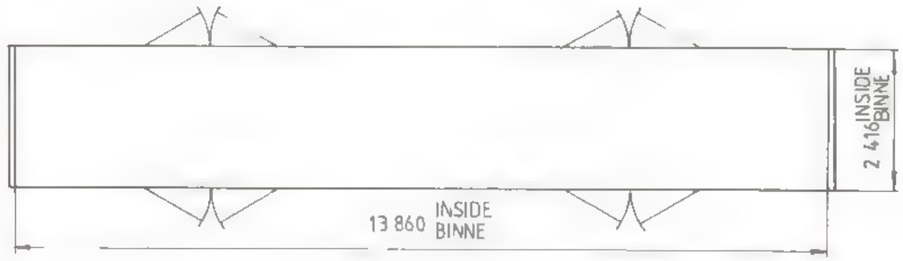
Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening







Remarks / Opmerkings :-

Drawing Number / Tekeningnommer	CME 112/12 - C55	
Bogie Type / Draaisteltipe	SPOORBARBER	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10	
Brake System / Remstelsel	V/L/R	
Brake Cylinders / Remsilinders	(V) 2 / 15	(L) 2/7×12
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L) 32
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 72,9/22,5	(L) 59,0/18,2
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

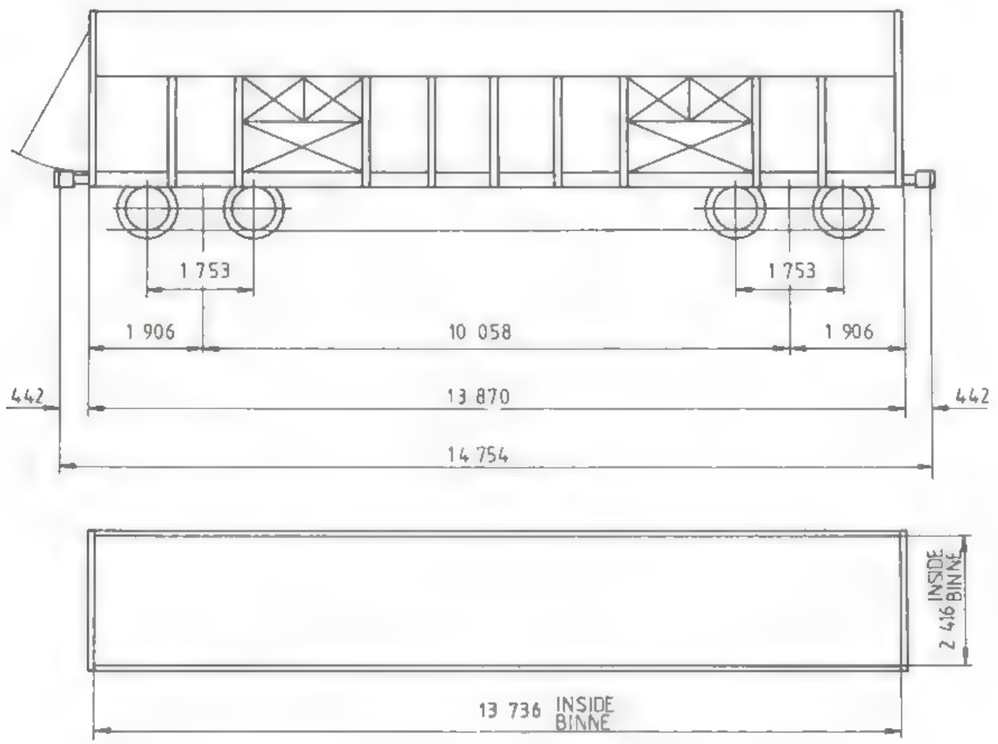
Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
62-095 994/ 62-113 690	1973-1974

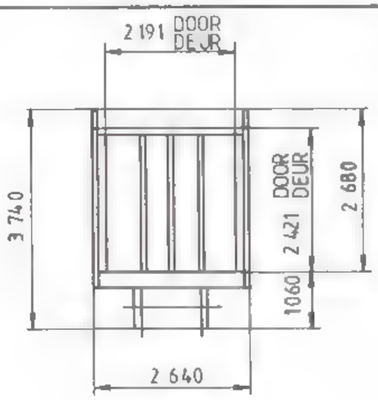
Converted from / Omskep van	Date / Datum
BAD-2	1983-
BAJ-2	1983-

Tare (Average) kg / Tarra (Gemiddeld)	21 460
Load kg / Vrag	48 000
Load (Coal) kg / Vrag (Steenkool)	—
Floor Area m^2 / Vloeroppervlakte	33,5
Capacity m^3 / Inhoudsvermoë	53

BALJ-2

53





Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulıese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulıese kussinginrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

Remarks / Opmerkings

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
62-113 704/62-114 573	1968-1973
62-114 581/62-114 603	1972
62-114 611/62-117 459	1968-1974

Converted from / Omskep van	Date / Datum
BAD - 1,2,3	1985
BAJ - 1,2,3	1985

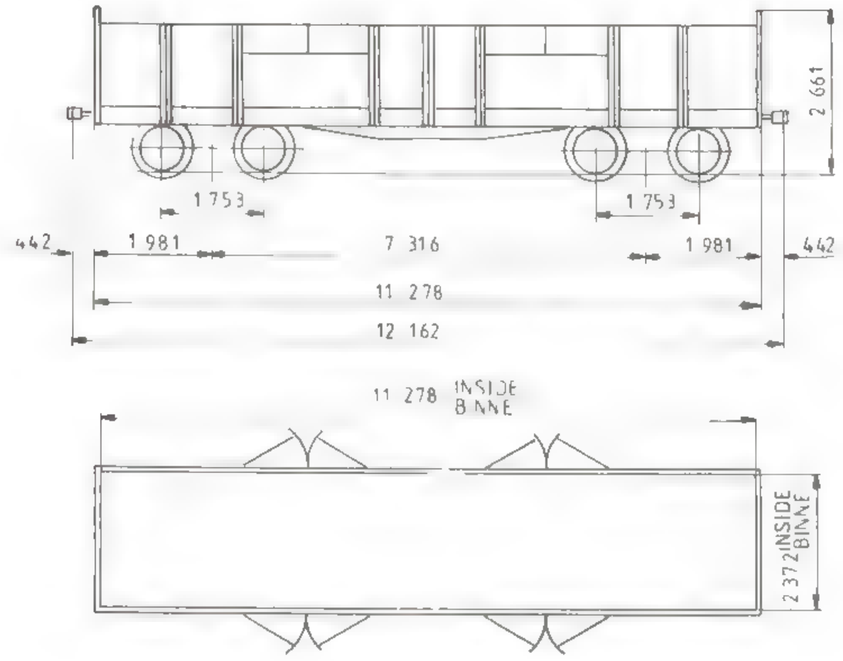
Drawing Number / Tekeningnommer	CME 112/12-C99	
Bogie Type / Draaisteltipe	SPOORBARBER	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10	
Brake System / Remstelsel	V/L/R	
Brake Cylinders / Remsilinders	(V) 2 × 15	(L) 2/7 × 12
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) 32
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 74,7/24,4	(L) 60,7/19,8
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP-S/S A R / S A S	

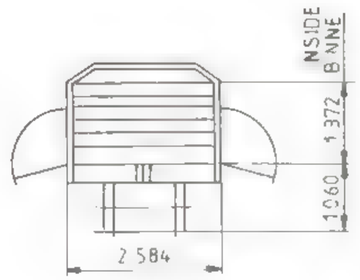
Centre of Gravity (Empty) / Swaartepunt (Leeg)	
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74000
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE
Converted for / Omskep vir	WOOD CHIPS / HOUTSPAANDERS

Revision / Hersiening						
Date / Datum						

Tare (Average) kg / Tarra (Gemiddeld) kg	23 290
Load kg / Vrag kg	48 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	33,2
Capacity m^3 / Inhoudsvermoë m^3	89

BALJ - 3





Drawgear Equipment - **Trekwerkuitrusting**

KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussinginrigting

SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussinginrigting

Brake System - **Remstelsel**

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
K Dual Power-Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remversteller

Remarks / Opmerkings :- ~~X~~ 1 . DIAMOND FRAME/RUITRAAM
CANCAR
SARCAST

Drawing Number / Tekeningnommer	CME 3986/12-000	
Bogie Type / Draaisteltipe	~~X~~ 1	
Bearing Size / Laergrootte	10 x 5	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6 / 0	
Brake System / Remstelsel	V	
Brake Cylinders / Remsilinders	(V) 2 / 18	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65 (50)	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 85,7/24,5	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	768
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	60 000
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
52- 900 002 / 52- 909 034	1943 - 1968

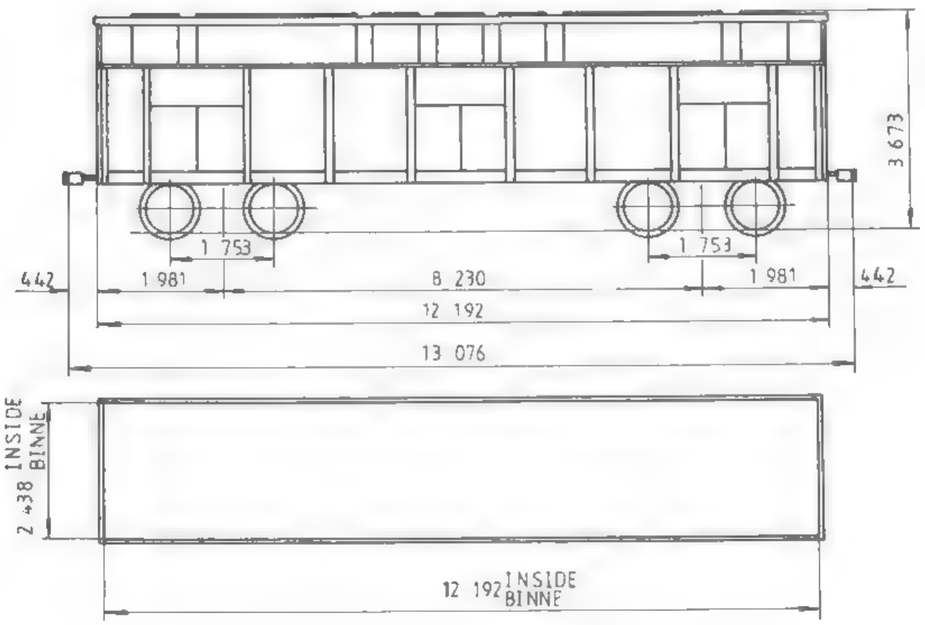
Converted from / Omskep van	Date / Datum
B-1 2 & 3	1966

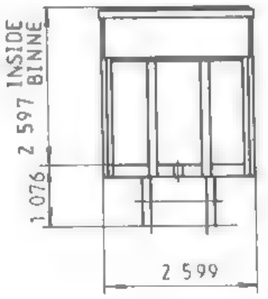
Tare (Average) / Tarra (Gemiddeld)	kg	17 600
Load / Vrag	kg	44 000
Load (Coal) / Vrag (Steenkool)	kg	
Floor Area / Vloeroppervlakte	m^2	26,75
Capacity / Inhoudsvermoe	m^3	36,7

BC-1

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
A Dual Power-Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening





Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
52 - 956 628 / 52 - 957 705	1937 - 1941
52 - 957 713 / 52 - 958 256	1937 - 1941

Remarks / Opmerkings :-

Drawing Number / Tekeningnommer	CME 417/12-C99
Bogie Type / Draaisteltipe	DIAMOND FRAME / RUITRAAM
Bearing Size / Laergrootte	11 × 5 1/2
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6/6
Brake System / Remstelsel	V
Brake Cylinders / Remsilinders	(V) 2/21 (L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50) (L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 84,9/26 (L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 034
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE
Converted for / Omskep vir	SUGAR CANE / SUIKERRIET

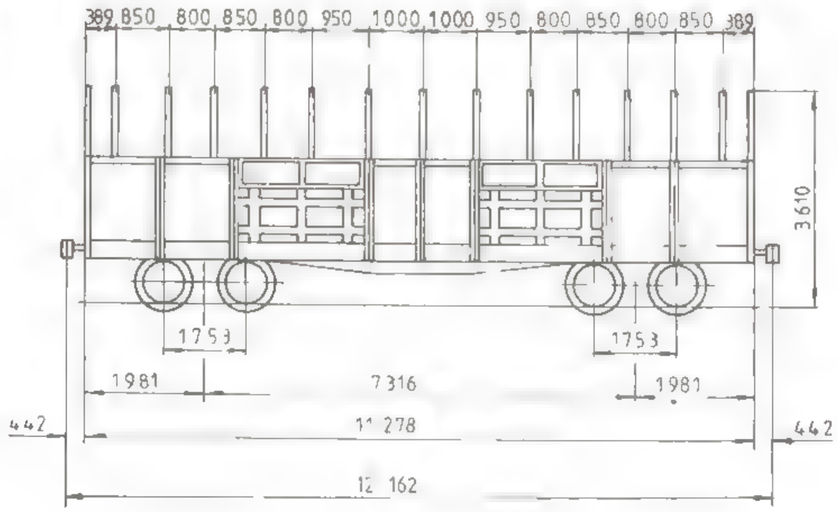
Revision / Hersiening						
Date / Datum						

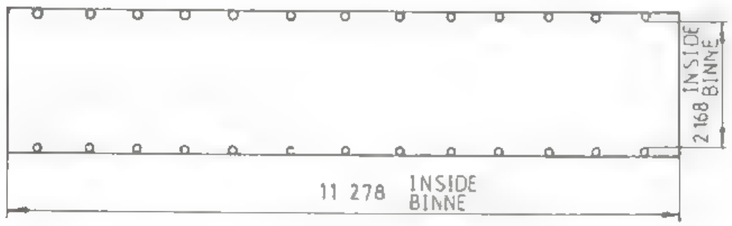
Converted from / Omskep van	Date / Datum
BB-4	1984

Tare (Average) kg / Tarra (Gemiddeld) kg	21 240
Load kg / Vrag kg	48 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte m^2	29,7
Capacity m^3 / Inhoudsvermoe m^3	77,2

BC-4

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingrigting





Remarks / Opmerkings :

DIAMOND FRAME
CANCAR
SARCAST

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
52-952 215 / 52-956 601	1943 - 1968

Converted from / Omskep van	Date / Datum
B-1,2&3	1983

Brake System - Remsteisel
Dual Power - Automatic / Tweekrag - Outomaties
A
Slack Adjuster / Remversteller
R
Vacuum / Vakuum
V
Air
L
Lug
Dual Power - Manually operated / Tweekrag - Handbediening

Drawing Number / Tekeningnommer	CME 339 / 12 - C99	
Bogie Type / Draaisteltipe	◒	
Bearing Size / Laergrootte	10 × 5	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6 / 0	
Brake System / Remsteisel	V	
Brake Cylinders / Remsilinders	(V) 2 / 18	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 50 / 65	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V)84,2/24,4	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP-S/ SAR / SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	869	
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000	
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE	
Converted for / Omskep vir	SUGAR CANE / SUIKERRIET	

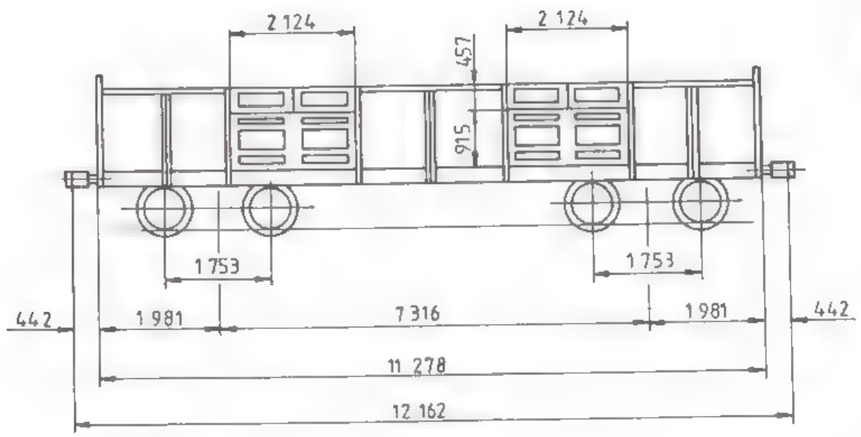
Revision / Hersiening						
Date / Datum						

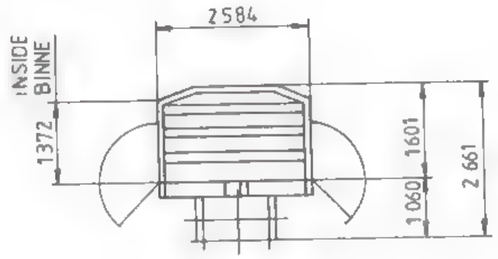
Tare (Average) kg / Tarra (Gemiddeld) kg	17 910	
Load kg / Vrag kg	44 000	
Load (Coal) kg / Vrag (Steenkool) kg		
Floor Area m^2 / Vloeroppervlakte m^2	24,5	
Capacity m^3 / Inhoudsvermoë m^3	63	

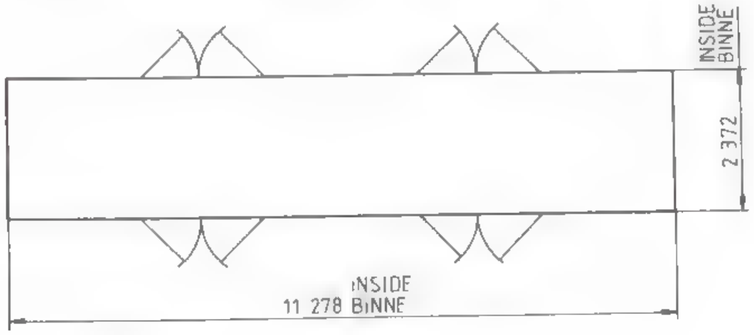
BCJ-3

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
■ Slack Adjuster / Remversteller







Remarks
Opmerkings

Drawing Number / Tekeningnommer	CME 126/12-A21	
Bogie Type / Draaisteltipe	SARCAST	
Bearing Size / Laergrootte	10 × 5	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6 / 0	
Brake System / Remstelsel	V / D	
Brake Cylinders / Remsilinders	(V) 4 / 18	(L) -
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 79,1/46,5	(L) –
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	60 000
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE
Converted for / Omskep vir	

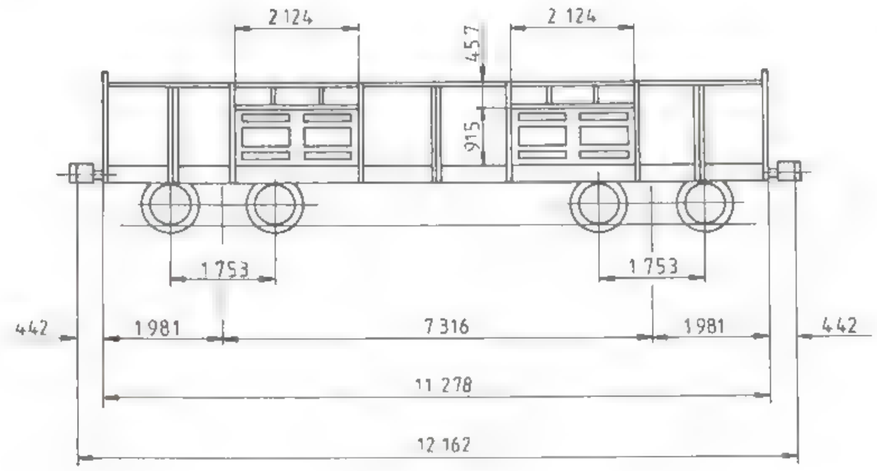
Revision / Hersiening						
Date / Datum						

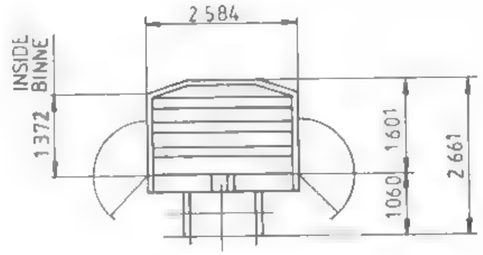
Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
53-013 018 / 53-018 524	1958-68

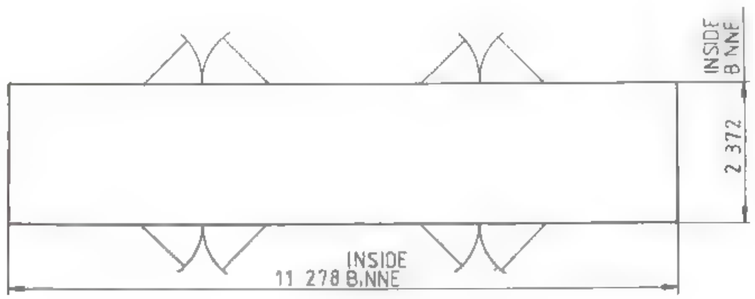
Converted from / Omskep van	Date / Datum
B-2	1971
Tare (Average) kg / Tarra (Gemiddeld) kg	18 280
Load kg / Vrag kg	44 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	26,8
Capacity m^3 / Inhoudsvermoe m^3	36,7

BD - 2

58







Remarks :-
Opmerkings

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

B-24

Brake System - Remstelsel

A Dual Power - Automatic
Tweekrag - Outomaties
R Slack Adjuster
Remversteller

D Dual Power - Manually operated
Tweekrag - Handbediening

L Lug
Air

V Vacuum
Vakuum

Drawing Number / Tekeningnommer	CME 155/12 A21	
Bogie Type / Draaisteltipe	SARCAST	
Bearing Size / Laergrootte	10×5	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6/0	
Brake System / Remstelsel	V/D	
Brake Cylinders / Remsilinders	(V) 4/18	(L) –
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) –
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 79,8/46,6	(L) –
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	60 000
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

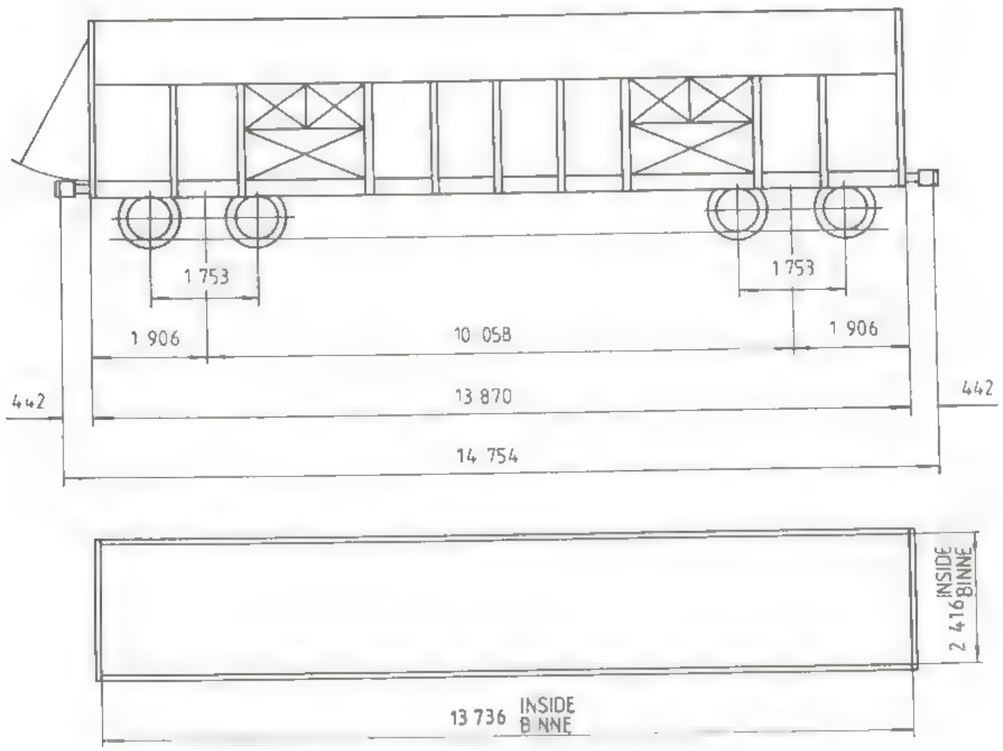
Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
53-010 000 / 53-012 194	1967-

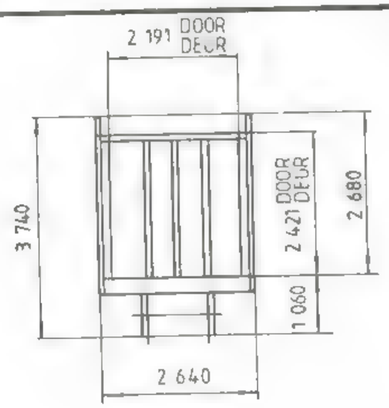
Converted from / Omskep van	Date / Datum

Tare (Average) kg / Tarra (Gemiddeld)	18 140
Load kg / Vrag	44 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	26,8
Capacity m^3 / Inhoudsvermoë	36,7

BD-4

59





Drawgear Equipment · Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System · Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power-Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remversteller

Remarks / Opmerkings : RE-CODED FROM / HERKODEER VAN BAJ-3 (1986)

Drawing Number / Tekeningnommer	CME 112/12-C99	
Bogie Type / Draaisteltipe	SPOORBARBER	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10	
Brake System / Remstelsel	V/R	
Brake Cylinders / Remsilinders	(V) 2/15	(L) —
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L) —
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 67,2 / 21,9	(L) —
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP-S/SAR SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE
Converted for / Omskep vir	WOOD CHIPS / HOUTSPAANDERS

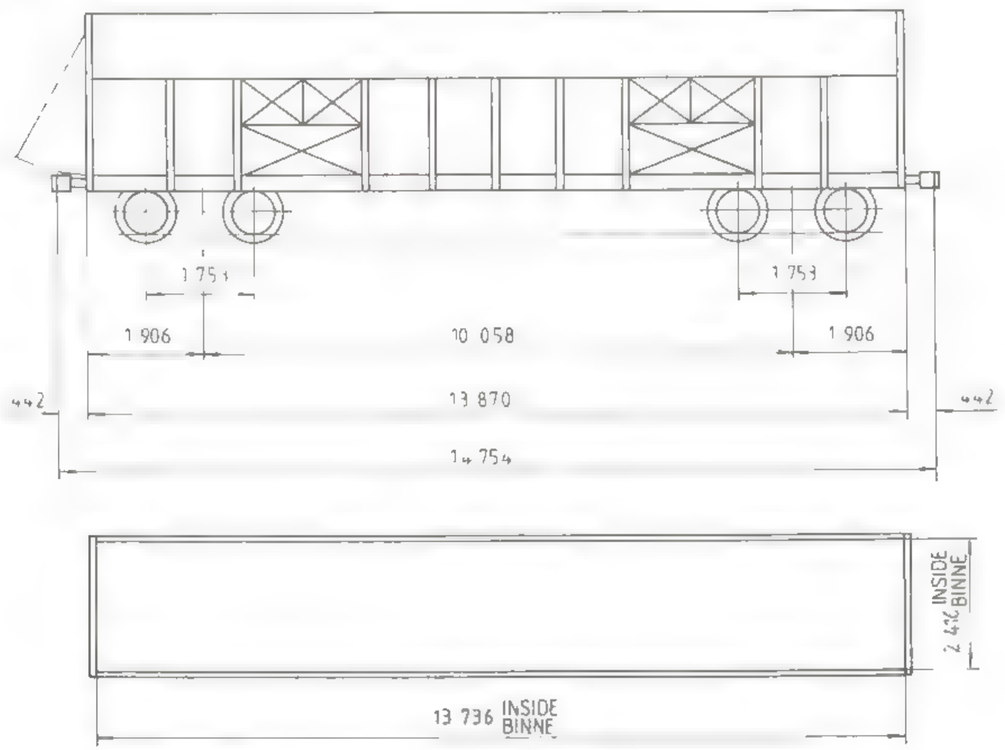
Revision / Hersiening						
Date / Datum						

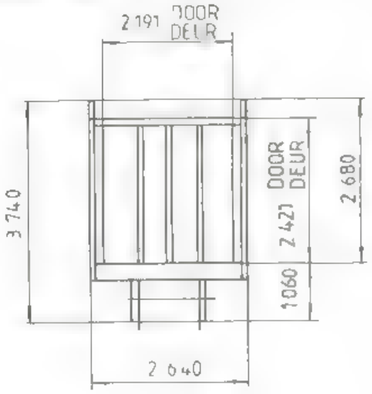
Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
62-200 003/62-200 895	1968-1973

Converted from / Omskep van	Date / Datum
BAD-1	1975 AND EN 1978
BAD 3	1983
Tare (Average) kg / Tarra (Gemiddeld) kg	23 290
Load kg / Vrag kg	48 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	33,2
Capacity m^3 / Inhoudsvermoe m^3	89

BFJ-1

08-85





Drawgear Equipment · Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System · Remstelsel

Dual Power-Automatic
Tweekrag-Outomaties
Slack Adjuster
Remversteller

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

Remarks / Opmerkings: RE-CODED FROM BALJ-3 (1986) / HERKODEER VAN

Drawing Number / Tekeningnommer	CME 112/12-C99	
Bogie Type / Draaisteltipe	SPOORBARBER	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10	
Brake System / Remstelsel	v/L/R	
Brake Cylinders / Remsilinders	(V) 2/15	(L) 2/7 × 12
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L) 32
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 74,7/24,4	(L) 60,7/19,8
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP S/SAR SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE
Converted for / Omskep vir	WOOD CHIPS / HOUTSPAANDERS

Revision / Hersiening						
Date / Datum						

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
62-200 003/62-203 762	1968 - 1973

Converted from / Omskep van	Date / Datum
BAD 1,2,3	1985
BAJ 1,2,3	1985

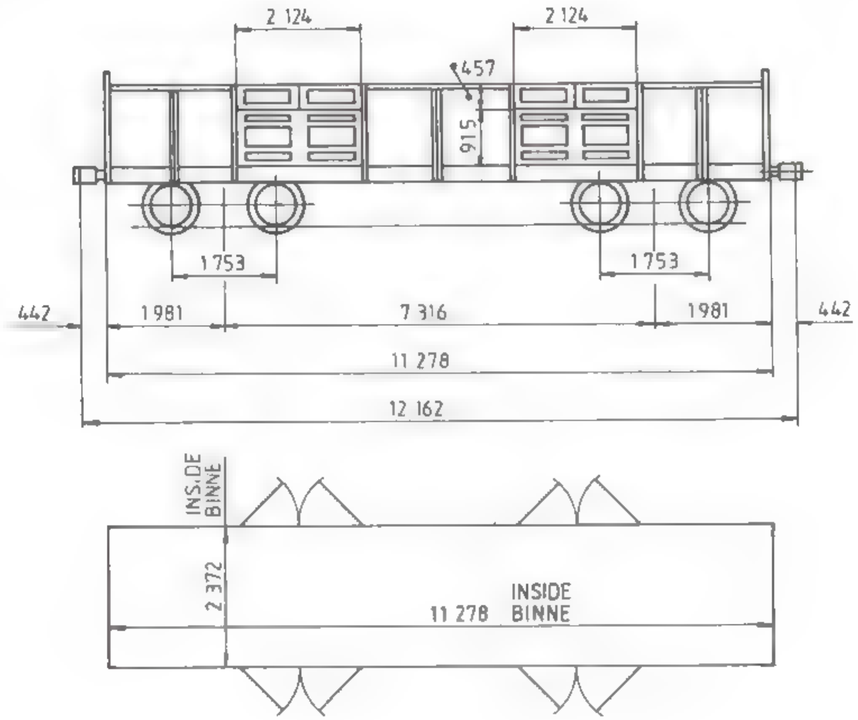
Tare (Average) kg / Tarra (Gemiddeld)	23 290
Load kg / Vrag	48 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	33,2
Capacity m^3 / Inhoudsvermoe	89

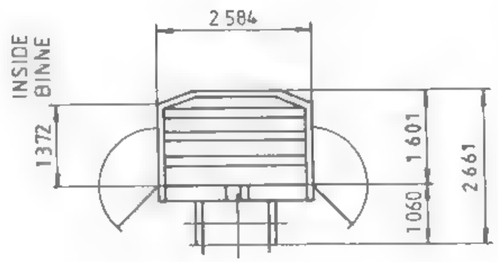
BFLJ - 1

61

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power – Manually operated / Tweekrag – Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller





Remarks / Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
53 - 013 018 / 53 - 018 524	1958 - 68

Converted from / Omskep van	Date / Datum
BD 2	1981

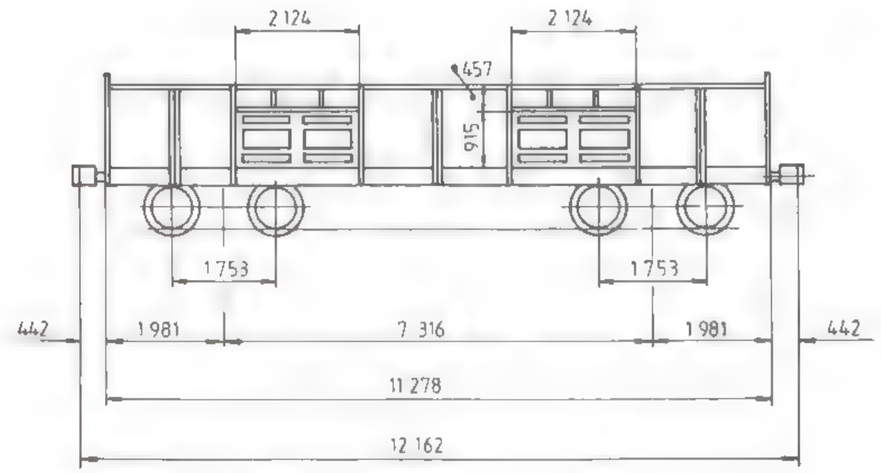
Drawing Number / Tekeningnommer	CME 126/12-A21		
Bogie Type / Draaisteltipe	SARCAST		
Bearing Size / Laergrootte	10 x 5		
Springs per Bogie Outer / inner / Vere per Draaistel Buite / Binne	6 / 0		
Brake System / Remstelsel	V		
Brake Cylinders / Remsilinders	(V) 2 / 18	(L) –	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) -	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 81,7 / 23,4	(L) –	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP-S/ SAR SAS		

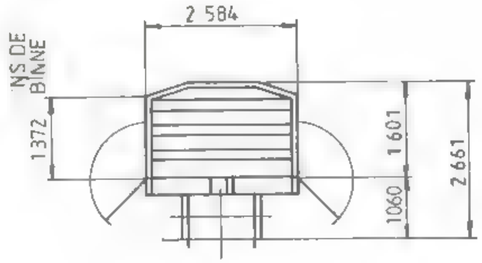
Centre of Gravity (Empty) / Swaartepunt (Leeg)	–	Tare (Average) kg / Tarra (Gemiddeld)	17 700
		Load kg / Vrag	44 000
		Load (Coal) kg / Vrag (Steenkool)	
		Floor Area m^2 / Vloeroppervlakte	26,8
		Capacity m^3 / Inhoudsvermoë	36,7
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	60 000		
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE		
Converted for / Omskep vir			

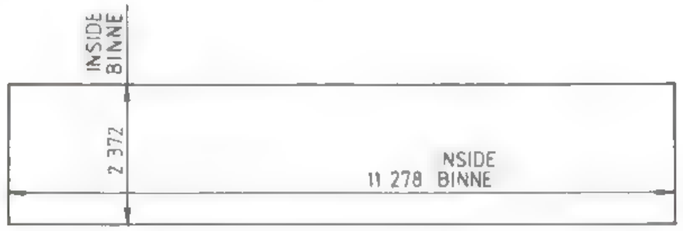
Revision / Hersiening						
Date / Datum						

BJ-2

62







Remarks
Opmerkings :-

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
53-010 000 / 53-012 194	1967

Converted from Omskep van	Date Datum
BD-4	1981

Drawing Number Tekeningnommer		CME 155/12-A21	
Bogie Type Draaisteltipe		SARCAST	
Bearing Size Laergrootte		10×5	
Springs per Bogie Vere per Draaistel	Outer / Inner Buite / Binne	6/0	
Brake System Remstelsel		V	
Brake Cylinders Remsilinders		(V) 2/18	(L) –
Train Pipe / Treinpyp Brake Pipe / Rempyp		(V) 65	(L) –
Brake Percentage Rempersentasie	Empty / Loaded Leeg / Met Vrag	(V) 82,2/23,5	(L) –
Drawgear Equipment Trekwerkuitrusting		AAR M901 E	
Coupler / Yoke Koppelaar / Juk		SASKOP-S/ SAR SAS	

Centre of Gravity (Empty) Swaartepunt (Leeg)							—
Design Limit – Mass on Rail kg Ontwerplimiet – Massa op Spoor							60 000
Originally designed for Oorspronklik ontwerp vir							GENERAL GOODS ALGEMENE GOEDERE
Converted for Omskep vir							
Revision Hersiening							
Date Datum							

Tare (Average) kg Tarra (Gemiddeld) kg	17 600
Load kg Vrag kg	44 000
Load (Coal) kg Vrag (Steenkool) kg	
Floor Area m^2 Vloeroppervlakte m^2	26,8
Capacity m^3 Inhoudsvermoë m^3	36,7

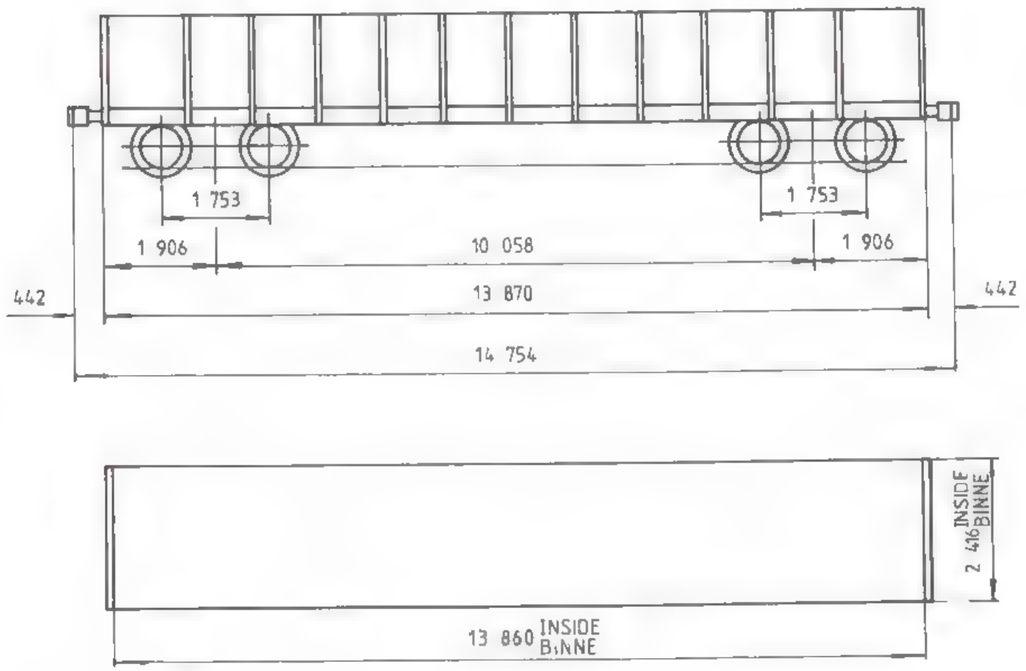
BJ-4

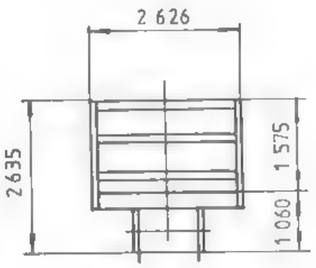
Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power – Manually operated / Tweekrag – Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller





Remarks :-
Opmerkings

Vehicle Numbers / Voertuignommers		Placed in Service / In Gebruik Geneem
61-100 005	61-106 593	1968 - 1973
61-106 607	61-108 790	1968 - 1973
61-108 804	61-110 884	1968 - 1973
61-110 892	61-115 282	1968 - 1973
61-115 290	61-118 583	1968 - 1973
61-118 591	61-121 991	1968 - 1973
61-122 009	61-124 206	1968 - 1973

Converted from / Omskep van	Date / Datum
BAD-1	1978 — 84

Drawing Number / Tekeningnommer	CME 4527/12-000		
Bogie Type / Draaisteltipe	SPOORBARBER		
Bearing Size / Laergrootte	D		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10		
Brake System / Remstelsel	V/D/R		
Brake Cylinders / Remsilinders	(V) 4/15	(L) —	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) —	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 57,0 / 36,0	(L) —	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS		

Centre of Gravity (Empty) / Swaartepunt (Leeg)	
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE
Converted for / Omskep vir	

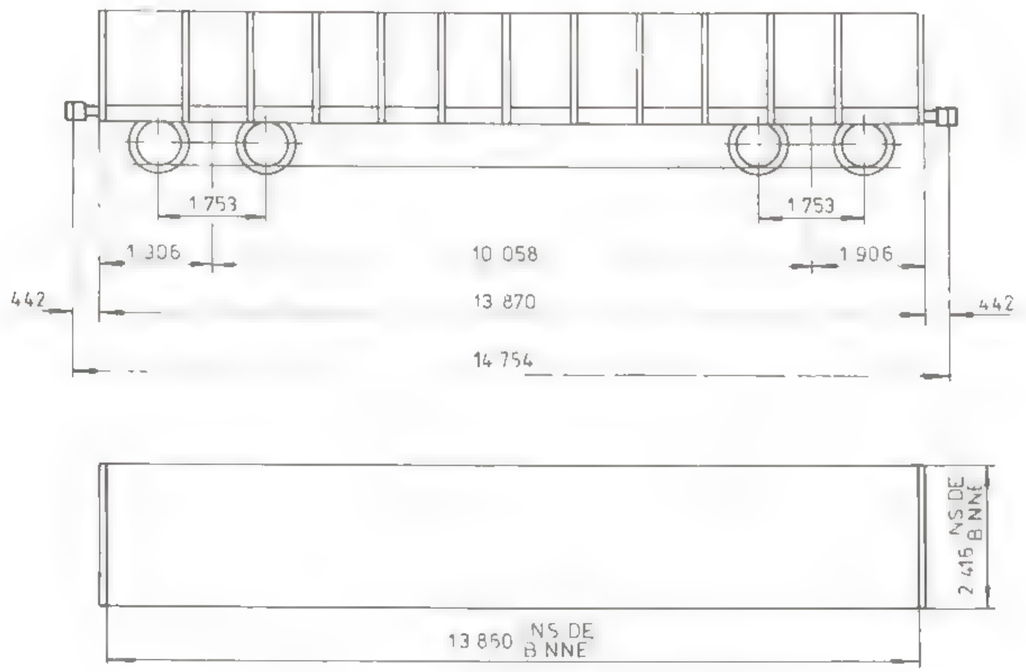
Revision / Hersiening						
Date / Datum						

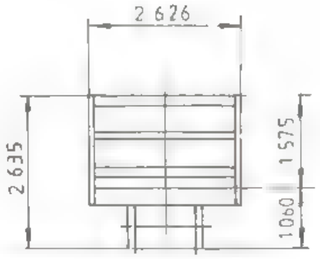
Tare (Average) kg / Tarra (Gemiddeld) kg	21 460
Load kg / Vrag kg	52 000
Load (Coal) kg / Vrag (Steenkool) kg	52 000
Floor Area m^2 / Vloeroppervlakte m^2	33.5
Capacity m^3 / Inhoudsvermoë m^3	52.7

CAD-1

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening





Remarks / Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
61-100 005/61-106 593	1968 - 1973
61-106 607/61-108 790	1968 - 1973
61-108 804/61-110 884	1968 - 1973
61-110 892/61-115 282	1968 - 1973
61-115 290/61-118 583	1968 - 1973
61-118 591/61-121 991	1968 - 1973
61-122 009/61-124 206	1968 - 1973

Converted from / Omskep van	Date / Datum
CAD - 1	1983

Drawing Number / Tekeningnommer	CME 4527 / 12-000	
Bogie Type / Draaisteltipe	SPOORBARBER	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10	
Brake System / Remstelsel	V/R	
Brake Cylinders / Remsilinders	(V) 2/15	(L) ——
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L) ——
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 72,9/21,3	(L) ——
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP-S/ S.A.R. S.A.S	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE
Converted for / Omskep vir	

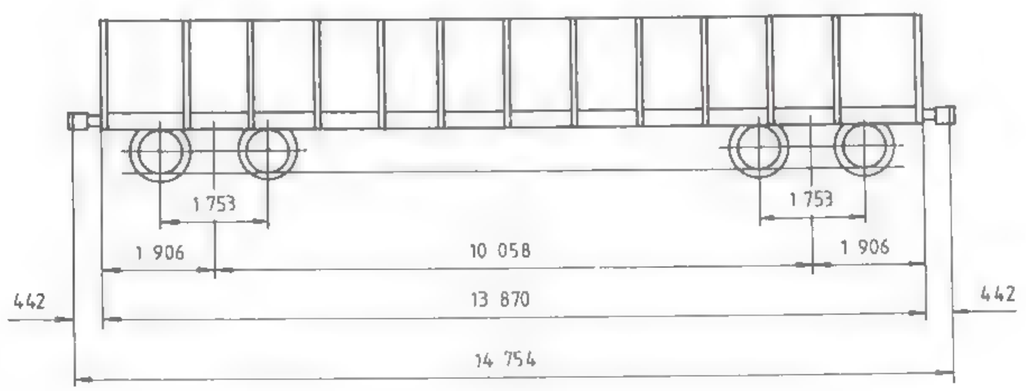
Revision / Hersiening						
Date / Datum						

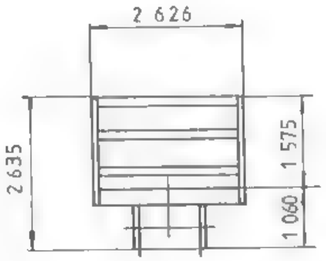
Tare (Average) kg / Tarra (Gemiddeld)	21 460
Load kg / Vrag	52 000
Load (Coal) kg / Vrag (Steenkool)	52 000
Floor Area m^2 / Vloeroppervlakte	33,5
Capacity m^3 / Inhoudsvermoë	52 7

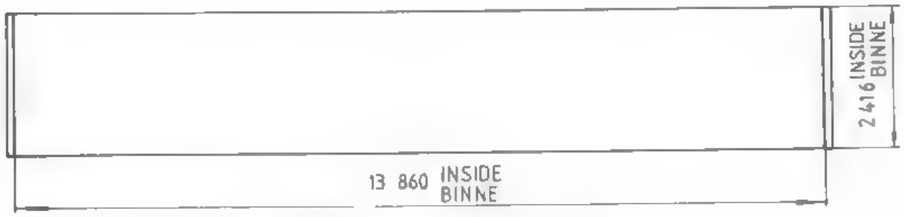
CAJ-1

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remverstelier







Remarks
Opmerkings

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
61-100 005 / 61-106 593	1968-1973
61-106 607 / 61-108 790	1968-1973
61-108 804 / 61-110 884	1968-1973
61-110 892 / 61-115 282	1968-1973
61-115 290 / 61-118 583	1968-1973
61-118 591 / 61-121 991	1968-1973
61-122 009 / 61-124 206	1968-1973

Drawing Number / Tekeningnommer	CME 4527/12-000
Bogie Type / Draaisteltipe	SPOORBARBE
Bearing Size / Laergrootte	D
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10
Brake System / Remstelsel	-/R
Brake Cylinders / Remsilinders	(V) — (L) 2/7×12
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) — (L) 32
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) — (L) 65,9 / 19,2
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS

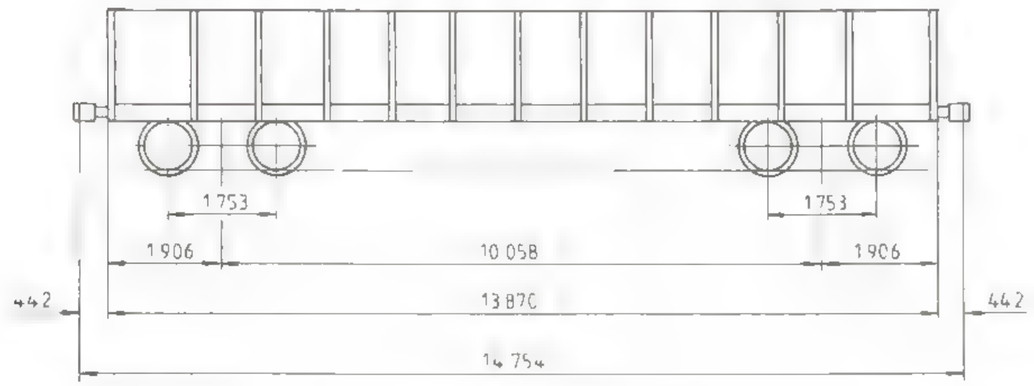
Centre of Gravity (Empty) / Swaartepunt (Leeg)	
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE
Converted for / Omskep vir	

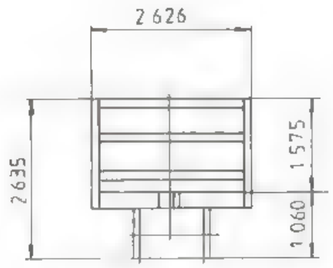
Revision / Hersiening						
Date / Datum						

Converted from / Omskep van	Date / Datum
CAJ-1 CAD-1	1984-

Tare (Average) kg / Tarra (Gemiddeld) kg	21 460
Load kg / Vrag kg	52 000
Load (Coal) kg / Vrag (Steenkool) kg	52 000
Floor Area m² / Vloeroppervlakte m²	33,5
Capacity m³ / Inhoudsvermoë m³	52,7

CAL-1





Drawgear Equipment · Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System · Remsteelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power-Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remversteller

Remarks
Opmerkings

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
61-100 005 / 61-106 593	1968-1973
61-106 607 / 61-108 790	1968-1973
61 108 804 / 61-110 884	1968-1973
61-110 892 / 61-115 282	1968-1973
61-115 290 / 61-118 583	1968-1973
61-118 591 / 61-121 991	1968-1973
61-122 009 / 61-124 206	1968-1973

Converted from / Omskep van	Date / Datum
CAJ-1, CAD-1	1987 -

Drawing Number / Tekeningnommer	CME 4527/12-000		
Bogie Type / Draaisteltipe	SPOORBARBER		
Bearing Size / Laergrootte	D		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10		
Brake System / Remsteelsel	V/L/R		
Brake Cylinders / Remsilinders	(V) 2×15	(L) 2/7×12	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) 32	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 81,1/23,7	(L) 65,9/19,2	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP-S/ SAR SAS		

Centre of Gravity (Empty) / Swaartepunt (Leeg)	
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE
Converted for / Omskep vir	

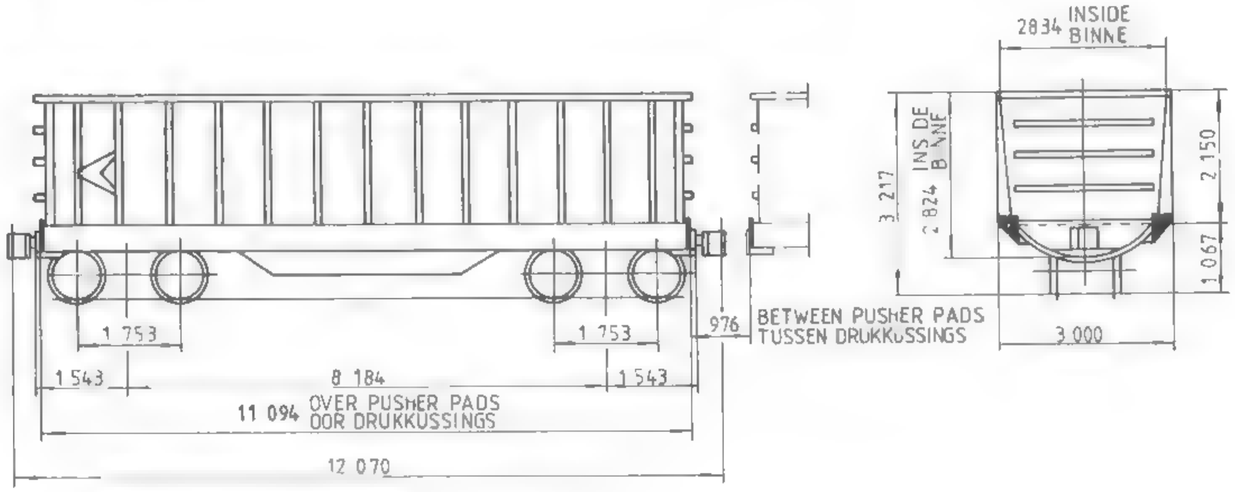
Revision / Hersiening						
Date / Datum						

Tare (Average) kg / Tarra (Gemiddeld) kg	21 460
Load / Vrag kg	52 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	33,5
Capacity m^3 / Inhoudsvermoe m^3	52 7

CAJ-1

67

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussinginrigting



Remarks :- ARROW INDICATES ROTARY COUPLER END OPPOSITE END FITTED WITH NON-ROTARY COUPLER
Opmerkings PYL DUI DRAAIKOPPELAAR-ENT AAN TEENOORGESTELDE KANT GEPAS MET NIE-DRAAIENDE KOPPELAAR

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
63-010 011 / 63-026 511	1975 - 1977

Converted from / Omskep van	Date / Datum
CCR 1	1983-

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
■ Slack Adjuster / Remversteller

Drawing Number / Tekeningnommer	W001 / D030	
Bogie Type / Draaisteltipe	HS Mk III. VII	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10	
Brake System / Remstelsel	L R	
Brake Cylinders / Remsilinders	(V)	(L) 1/10×12
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V)	(L) 32
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V)	(L) 73,3/19,4
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E	
Coupler / Yoke / Koppelaar / Juk	F/F	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1031
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	80 000
Originally designed for / Oorspronklik ontwerp vir	COAL / STEENKOOL
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

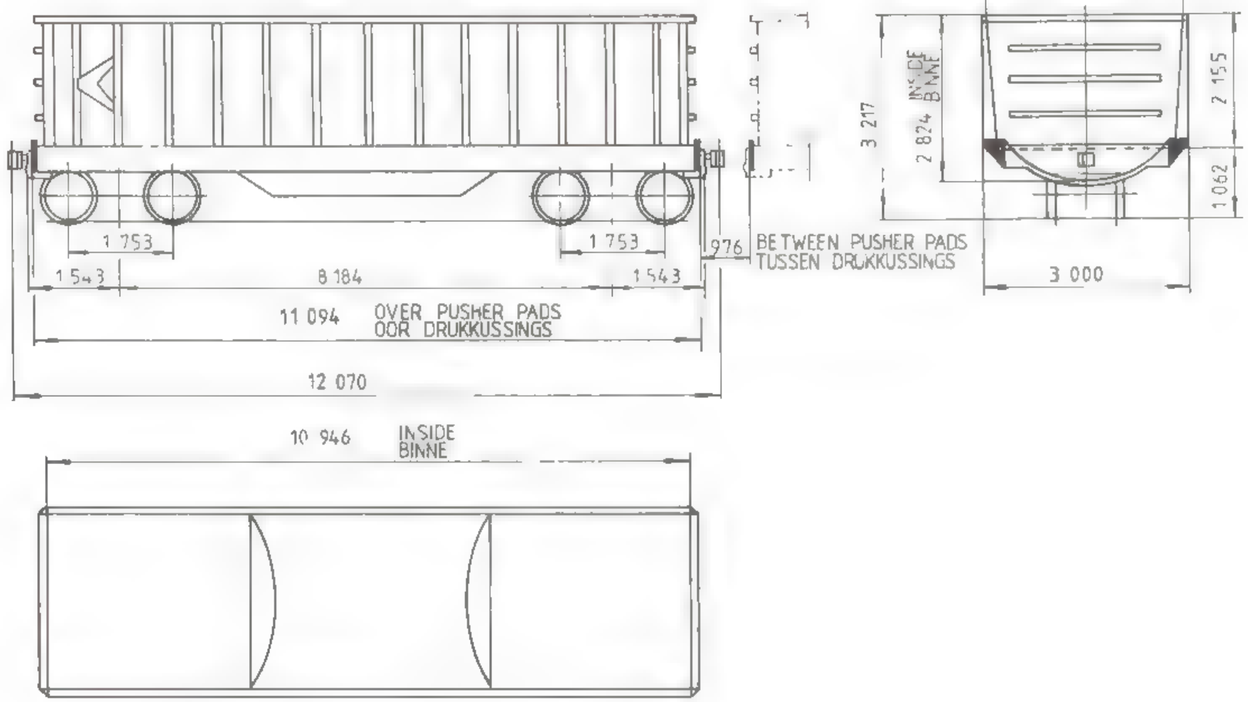
Tare (Average) kg / Tarra (Gemiddeld) kg	20 820
Load kg / Vrag kg	58 000
Load (Coal) kg / Vrag (Steenkool) kg	58 000
Floor Area m^2 / Vloeroppervlakte m^2	
Capacity m^3 / Inhoudsvermoë m^3	67.5

CCL-1

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussingmrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussingmrigting



Remarks :- ARROW INDICATES ROTARY COUPLER END. OPPOSITE END FITTED WITH NON-ROTARY COUPLER
Opmerkings PYL DUI DRAAIKOPPELAAR-ENT AAN. TEENOORGESTELDE KANT GEPAS MET NIE-DRAAIENDE KOPPELAAR

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
63-026 538/63-038 609 63-038 617/63-043 009	1978 - 1979 1981 - 1982

Converted from Omskep van	Date Datum
CCR - 3	1983-

Brake System - Remstelsel

A Dual Power - Automatic Tweekrag - Outomaties
Slack Adjuster
Remversteller

V Vacuum Vakuum
L Air
Lug
D Dual Power - Manually operated Tweekrag - Handbediening

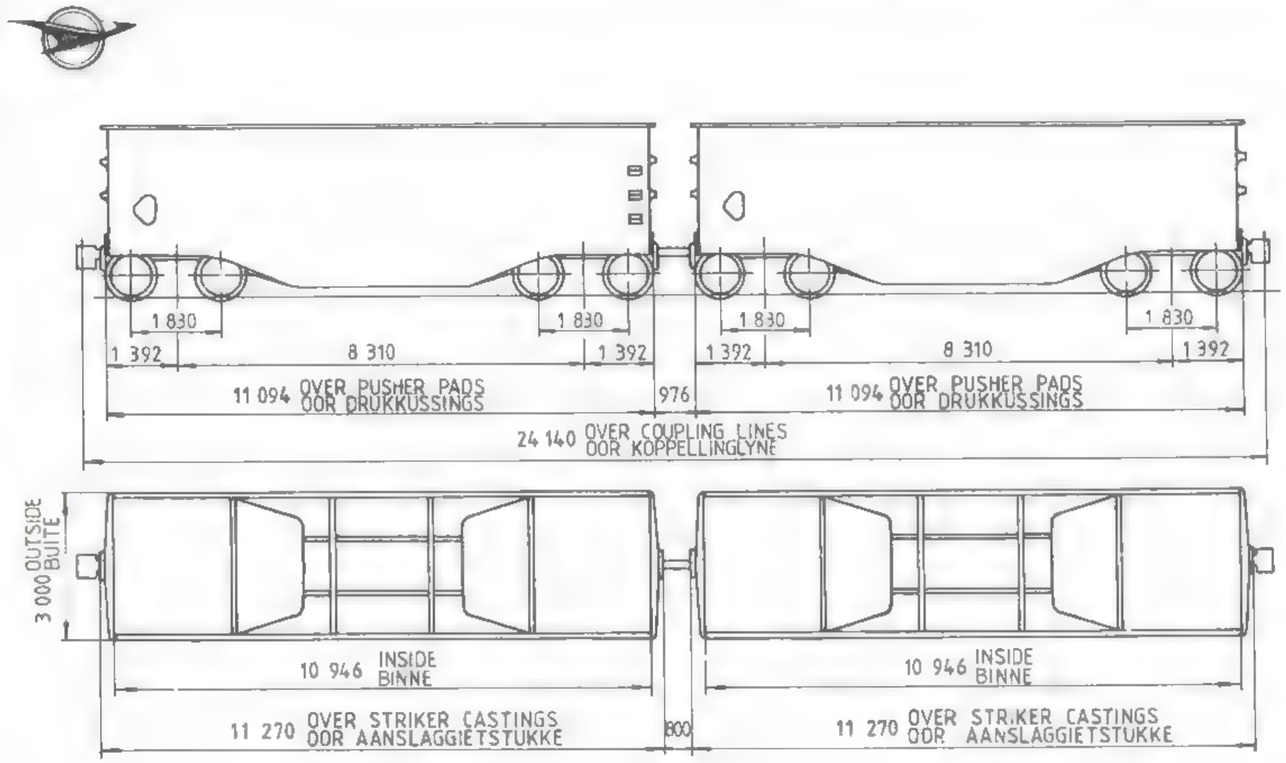
Drawing Number Tekeningnommer	W001 / D050		
Bogie Type Draaisteltipe	HS Mk III, VII		
Bearing Size Laergrootte	D		
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	10/10		
Brake System Remstelsel	L/R		
Brake Cylinders Remsilinders	(V)	(L) 1/10×12	
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V)	(L) 32	
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V)	(L) 72,0/19,3	
Drawgear Equipment Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke Koppelaar / Juk	F/F		

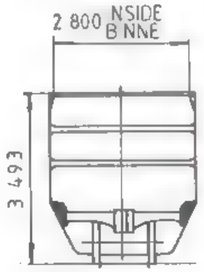
Centre of Gravity (Empty) Swaartepunt (Leeg)	1 058						
Design Limit – Mass on Rail kg Ontwerplimiet – Massa op Spoor	80 000						
Originally designed for Oorspronklik ontwerp vir	COAL STEENKOOL						
Converted for Omskep vir							
Revision Hersiening							
Date Datum							

Tare (Average) kg Tarra (Gemiddeld)	21 200
Load kg Vrag	58 000
Load (Coal) kg Vrag (Steenkool)	58 000
Floor Area m^2 Vloeroppervlakte	
Capacity m^3 Inhoudsvermoë	67,65

CCL-3

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting





ARROW INDICATES ROTARY COUPLER/DRAWBAR END. OPPOSITE END FITTED WITH NON-ROTARY COUPLER/DRAWBAR
PYL DUI DRAAIKOPPELAAR/-TREKSTANG ENT AAN. TEENOORGESTELDE KANT GEPAS MET NIE-DRAAIENDE KOPPELAAR/-TREKSTANG
FITTED WITH "HOLDING BRAKE"
GEPAS MET "VASHOUREM"

Remarks / Opmerkings :-
SET OF 2 WAGONS WITH SEMI-PERMANENT DRAWBAR
STEL VAN 2 TROKKE MET HALFPERMANENTE TREKSTANG

*1 4,5:1 BRAKE RATIO, / REMVERHOUDING, Ø 915 WHEEL / WIEL

*2 LOADED 84t LEVEL WITH TOP: 1 824mm / 84t GELYK GELAAI TOT BO: 1 824 mm

*3 TOP: / BO: 76,2m³ . BATH: / BAD: 9,46 m³

*4 PER WAGON / PER TROK

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
B Slack Adjuster / Remversteller

Drawing Number / Tekeningnommer	CME 175/12-A21	
Bogie Type / Draaisteltipe	HS Mk V *1	
Bearing Size / Laergrootte	F	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	12/8	
Brake System / Remstelsel	L/R	
Brake Cylinders / Remsilinders	(V)	(L) 2/7×12
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V)	(L) 32
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V)	(L) 68,5/13,3
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E	
Coupler / Yoke / Koppelaar / Juk	F/F	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	993 *2	
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	104 000 PER WAGON / PER TROK	
Originally designed for / Oorspronklik ontwerp vir	COAL / STEENKOOL	
Converted for / Omskep vir		
Revision / Hersiening		
Date / Datum		

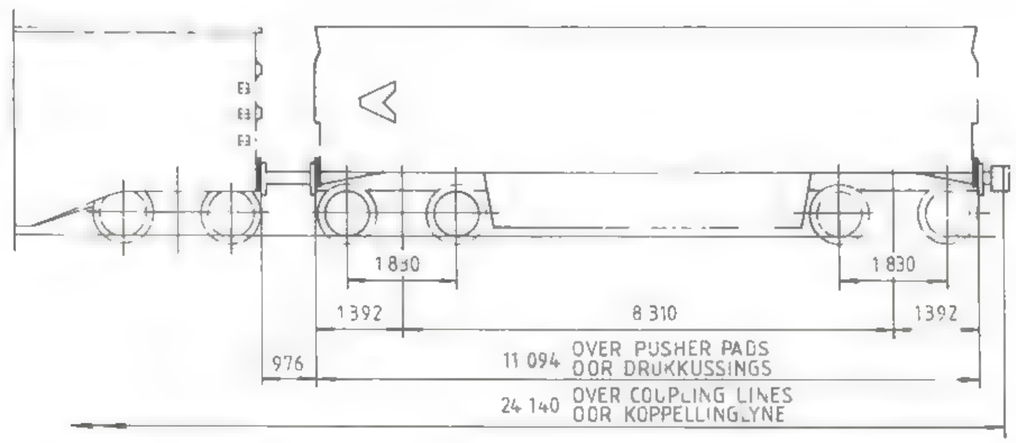
Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
63 - 515 407 / 63 - 524 198	1982 - 1983
63 - 524 260 / 63 - 533 030	1983 - 1984

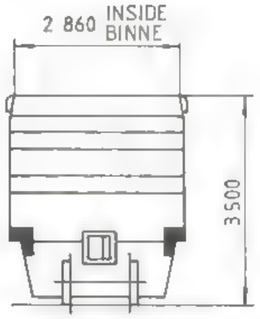
Converted from / Omskep van	Date / Datum

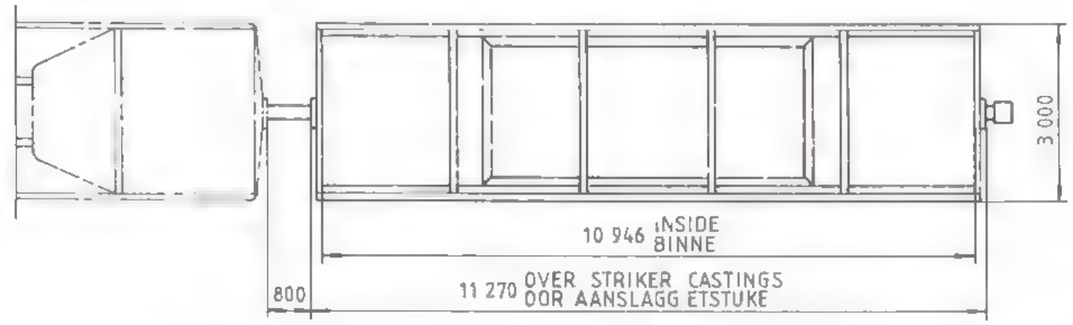
Tare (Average) kg / Tarra (Gemiddeld) kg	20 250 *4
Load kg / Vrag kg	84 000 *4
Load (Coal) kg / Vrag (Steenkool) kg	84 000 *4
Floor Area m² / Vloeroppervlakte m²	
Capacity m³ / Inhoudsvermoë m³	85,66 *3

CCL-5

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingrigting







Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
63-524 201	1984
63-524 228	1984
63-524 236	1984
63-524 244	1984
63-524 252	1984

Remarks / Opmerkings :- ARROW INDICATES ROTARY DRAWBAR END. OPPOSITE END FITTED WITH NON-ROTARY COUPLER
PYL DUI DRAAITREKSTANG ENT AAN. TEENOORGESTELDE KANT GEPAS MET NIE-DRAAIENDE KOPPELAAR
WAGON COUPLED TO CCL-5 WAGON
TROK GEKOPPEL AAN CCL-5 TROK
✳1 4,5 : 1 BRAKE RATIO, REMVERHOUDING, Ø 915 WHEEL WIEL
ALUMINUM BODY BAK

Drawing Number / Tekeningnommer	W 001/D 077
Bogie Type / Draaisteltipe	HS MK V ✳1
Bearing Size / Laergrootte	F
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	12/8
Brake System / Remstelsel	L/R
Brake Cylinders / Remsilinders	(V) — (L) 2/7×12
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) — (L) 32
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) — (L) 77,0/13,0
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E
Coupler / Yoke / Koppelaar / Juk	F/F

Centre of Gravity (Empty) / Swaartepunt (Leeg)	861
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	104 000
Originally designed for / Oorspronklik ontwerp vir	COAL STEENKOOL
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

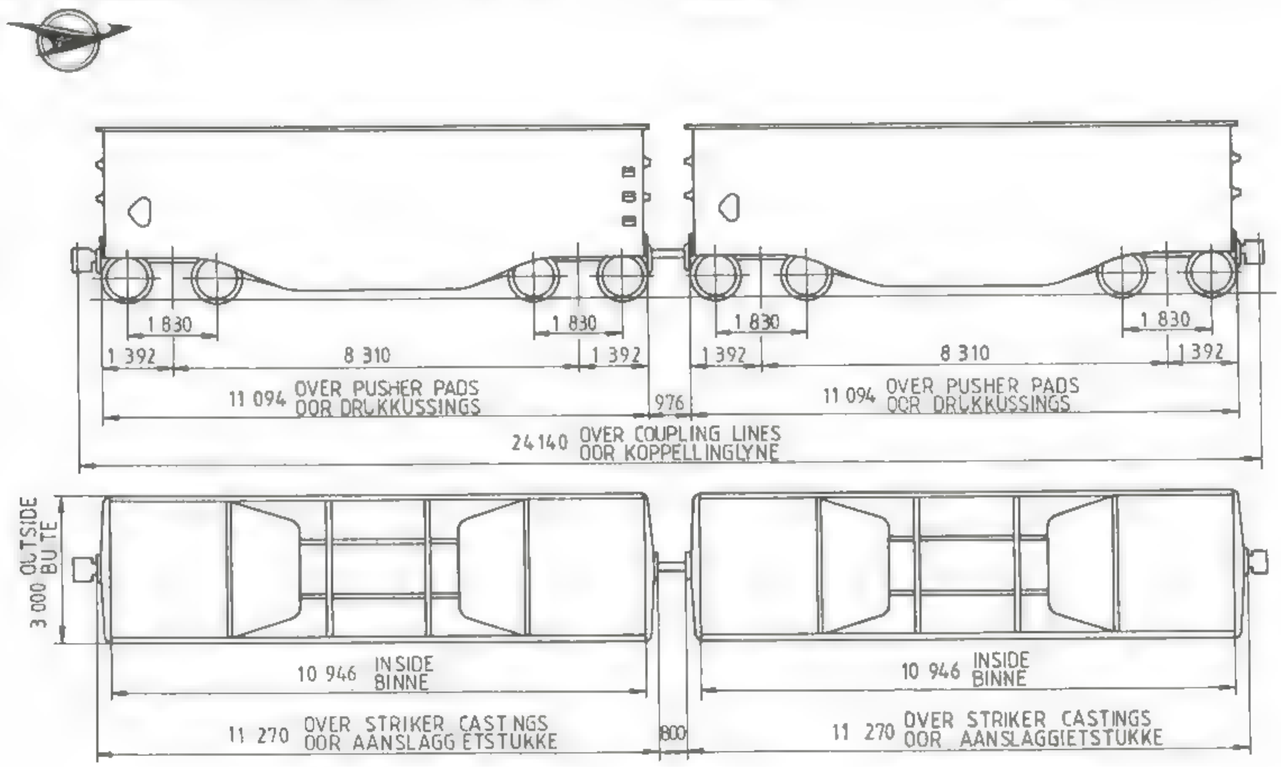
Converted from / Omskep van	Date / Datum

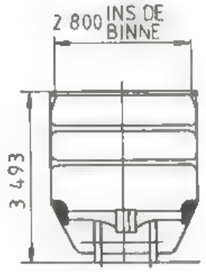
Tare (Average) kg / Tarra (Gemiddeld) kg	17 040
Load kg / Vrag kg	84 000
Load (Coal) kg / Vrag (Steenkool) kg	84 000
Floor Area m^2 / Vloeroppervlakte m^2	
Capacity m^3 / Inhoudsvermoe m^3	87,1

CCL-6

Brake System • Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power – Manually operated / Tweekrag – Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussinginrigting





ARROW INDICATES ROTARY COUPLER / DRAWBAR END. OPPOSITE END FITTED WITH NON-ROTARY COUPLER / DRAWBAR
PYL DUI DRAAIKOPPELAAR/-TREKSTANG ENT AAN. TEENOORGESTELDE KANT GEPAS MET NIE-DRAAIENDE KOPPELAAR/-TREKSTANG
FITTED WITH "HOLDING BRAKE"
GEPAS MET "VASHOUREM"

Remarks / Opmerkings :-
SET OF 2 WAGONS WITH SEMI-PERMANENT DRAWBAR
STEL VAN 2 TROKKE MET HALFPERMANENTE TREKSTANG

*1 4,5.1 BRAKE RATIO, REMVERHOUDING, ø 915 WHEEL WIEL
*2 LOADED 84t LEVEL WITH TOP : 1 824 mm
84t GELYK GELAAI TOT BO : 1 824 mm
*3 TOP / BO : 76,2 m³, BATH / BAD : 9,46 m³
*4 PER WAGON / PER TROK

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
63-533 049 / 63-539 640	1984 - 1985
63-539 659 / 63-546 248	1985 - 1987

Converted from / Omskep van	Date / Datum

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remverstelller

Drawing Number / Tekeningnommer	CME 182 / 12-A21	
Bogie Type / Draaisteltipe	HS MK V *1	
Bearing Size / Laergrootte	F	
Springs per Bogie / Vere per Draaistel — Outer / Buite — Inner / Binne	12 / 8	
Brake System / Remstelsel	L / R	
Brake Cylinders / Remsilinders	(V)	(L) 2 / 7×12
Train Pipe / Treinpyp — Brake Pipe / Rempyp	(V)	(L) 32
Brake Percentage / Rempersentasie — Empty / Loaded / Leeg / Met Vrag	(V)	(L) 68,5 / 13,3
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E	
Coupler / Yoke / Koppelaar / Juk	F / F	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	993 *2
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	104 000 PER WAGON / PER TROK
Originally designed for / Oorspronklik ontwerp vir	COAL / STEENKOOL
Converted for / Omskep vir	

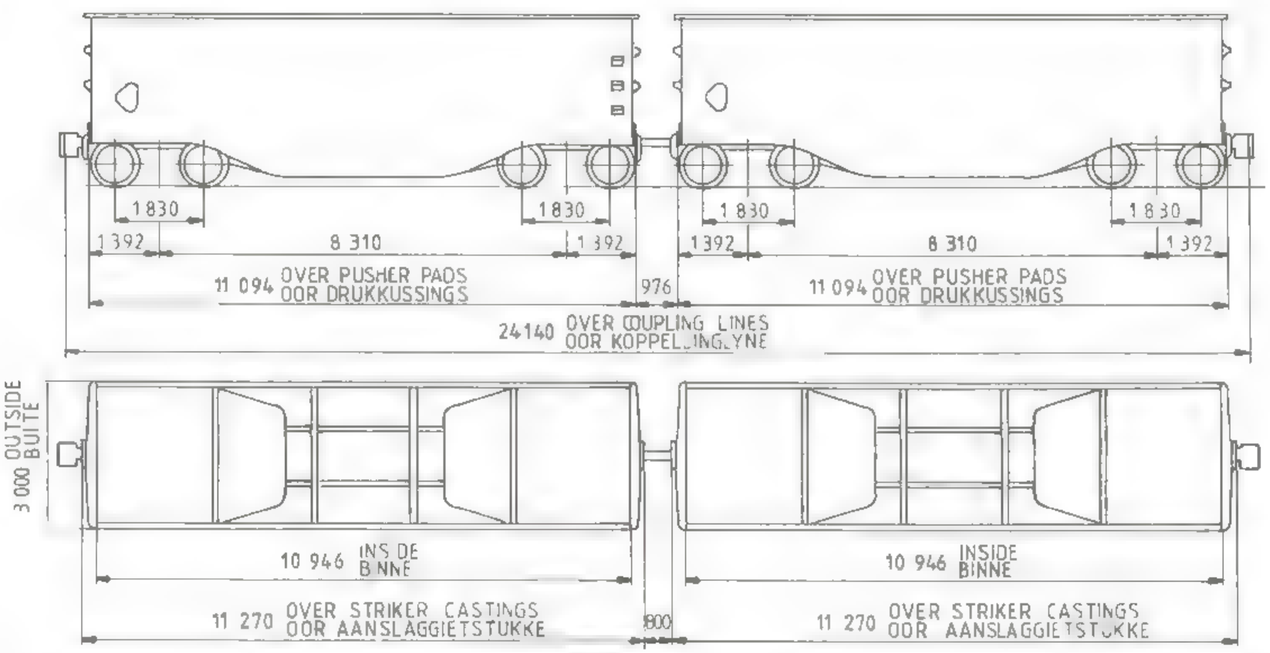
Revision / Hersiening						
Date / Datum						

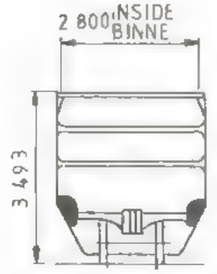
Tare (Average) kg / Tarra (Gemiddeld) kg	20 250 *4
Load kg / Vrag kg	84 000 *4
Load (Coal) kg / Vrag (Steenkool) kg	84 000 *4
Floor Area m² / Vloeroppervlakte m²	
Capacity m³ / Inhoudsvermoë m³	85 66 *3

CCL-7

Drawgear Equipment · Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System · Remstelsel
A Dual Power-Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening





ARROW INDICATES ROTARY COUPLER / DRAWBAR END. OPPOSITE END FITTED WITH NON-ROTARY COUPLER / DRAWBAR
PYL DUI DRAAIKOPPELAAR/-TREKSTANG ENT AAN. TEENOORGESTELDE KANT GEPAS MET NIE-DRAAIENDE KOPPELAAR/-TREKSTANG
FITTED WITH "HOLDING BRAKE"
GEPAS MET "VASHOUREM"

Remarks / Opmerkings
- SET OF 2 WAGONS WITH SEMI-PERMANENT DRAWBAR
  STEL VAN 2 TROKKE MET HALFPERMANENTE TREKSTANG
- ✕1 4,5 1 BRAKE RATIO / REMVERHOUDING ∅ 915 WHEEL / WIEL
- ✕2 LOADED 84t LEVEL WITH TOP .1 824mm
  84t GELYK GELAAI TOT BO :1 824mm
- ✕3 TOP / BO 76,2m³ BATH / BAD 9,46m³
- ✕4 PER WAGON / PER TROK

Drawing Number / Tekeningnommer	CME 182 / 12-A21	
Bogie Type / Draaisteltipe	HSMK V ✕1	
Bearing Size / Laergrootte	F	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	12 / 8	
Brake System / Remsteelsel	L / R	
Brake Cylinders / Remsilinders	(V)	(L) 2 / 7 x 12
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V)	(L) 32
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V)	(L) 68 5/13,3
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E	
Coupler / Yoke / Koppelaar / Juk	F / F	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	993 ✕2
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	104 000 PER WAGON / PER TROK
Originally designed for / Oorspronklik ontwerp vir	COAL / STEENKOOL
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
63-546 256 / 63-555 042	1991

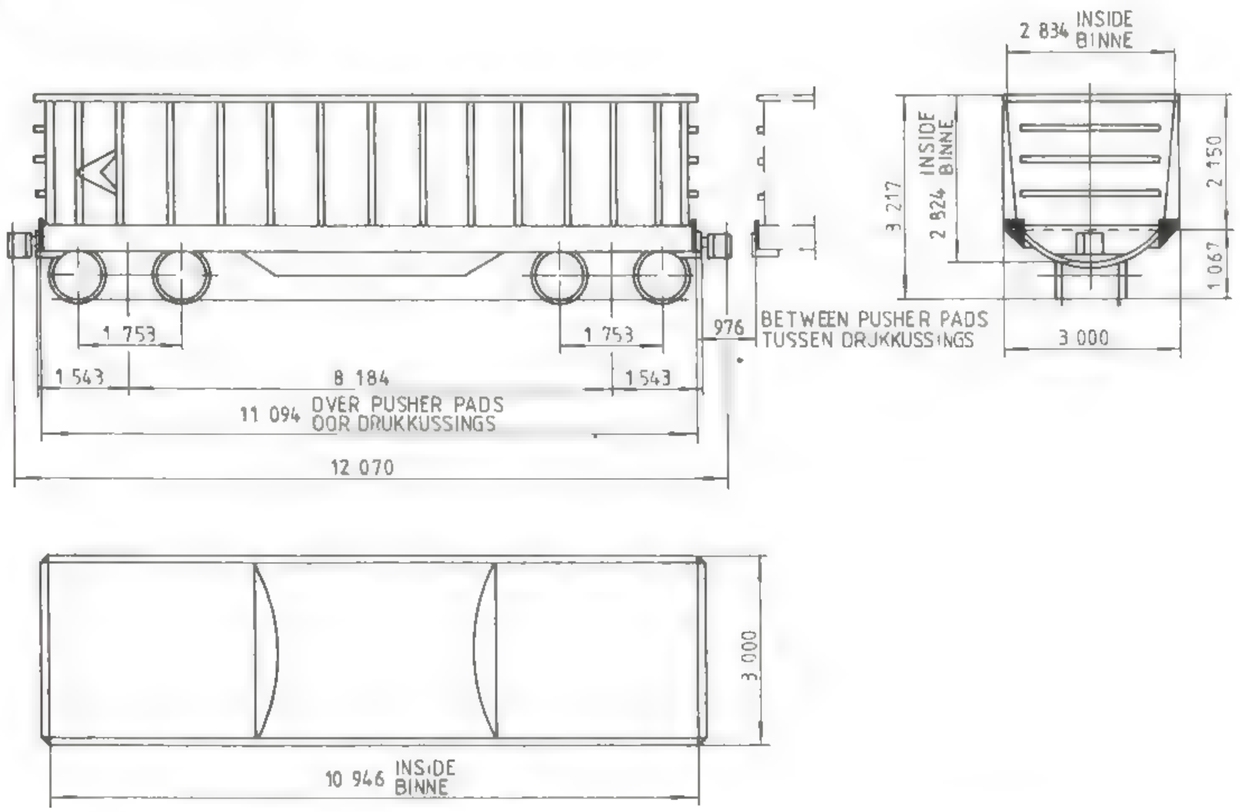
Converted from / Omskep van	Date / Datum

Tare (Average) / Tarra (Gemiddeld)	kg	20 250 ✕4
Load / Vrag	kg	84 000 ✕4
Load (Coal) / Vrag (Steenkool)	kg	84 000 ✕4
Floor Area / Vloeroppervlakte	m^2	
Capacity / Inhoudsvermoe	m^3	85,66 ✕3

CCL-8

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller



Remarks :- ARROW INDICATES ROTARY COUPLER END, OPPOSITE END FITTED WITH NON-ROTARY COUPLER
Opmerkings PYL DUI DRAAIKOPPELAAR-ENT AAN TEENOORGESTELDE KANT GEPAS MET NIE-DRAAIENDE KOPPELAAR

Drawing Number / Tekeningnommer	W001 / D030	
Bogie Type / Draaisteltipe	HS Mk III, VII	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10	
Brake System / Remstelsel	L/A/R	
Brake Cylinders / Remsilinders	(V)	(L) 1/10×12
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V)	(L) 32
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V)	(L) 48,4 / 23,4
Drawgear Equipment / Trekwerkuitrusting	AAR M901E	
Coupler / Yoke / Koppelaar / Juk	F/F	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1031
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	80 000
Originally designed for / Oorspronklik ontwerp vir	COAL / STEENKOOL
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
63-010 011 / 63-026 511	1975-1977

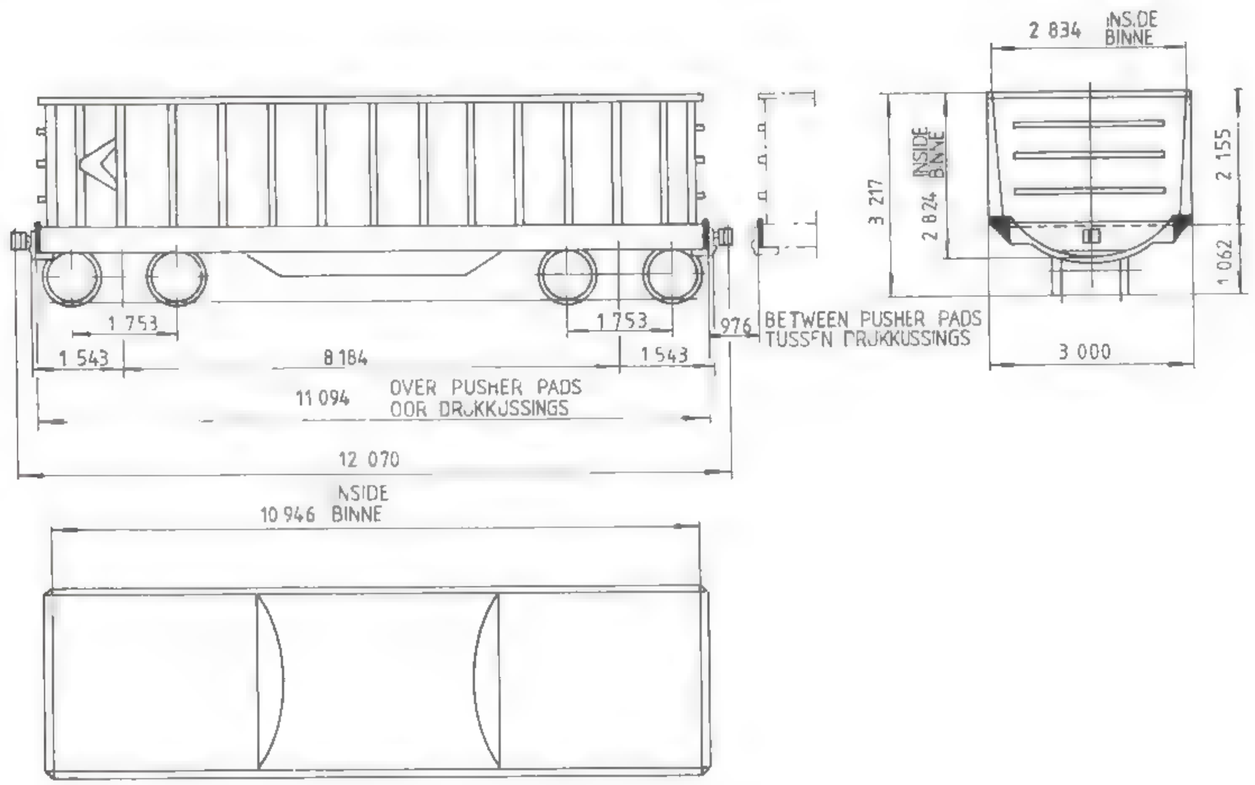
Converted from / Omskep van	Date / Datum

Tare (Average) kg / Tarra (Gemiddeld) kg	20 820
Load kg / Vrag kg	58 000
Load (Coal) kg / Vrag (Steenkool) kg	58 000
Floor Area m^2 / Vloeroppervlakte m^2	
Capacity m^3 / Inhoudsvermoe m^3	67,5

CCR-1

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
■ Slack Adjuster / Remversteller



Remarks / Opmerkings :- ARROW INDICATES ROTARY COUPLER END. OPPOSITE END FITTED WITH NON-ROTARY COUPLER
PYL DUI DRAAIKOPPELAAR-ENT AAN. TEENOORGESTELDE KANT GEPAS MET NIE-DRAAIENDE KOPPELAAR

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
63-026 538/63-038 609 63-038 617/63-043 009	1978 -1979 1981 -1982

Converted from / Omskep van	Date / Datum

Drawing Number / Tekeningnommer	W001/D050		
Bogie Type / Draaisteltipe	HS Mk III, VII		
Bearing Size / Laergrootte	D		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10		
Brake System / Remstelsel	L/A/R		
Brake Cylinders / Remsilinders	(V)	(L) 1/10×12	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V)	(L) 32	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V)	(L) 48,4/23,3	
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		
Coupler / Yoke / Koppelaar / Juk	F/F		

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 058
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	80 000
Originally designed for / Oorspronklik ontwerp vir	COAL / STEENKOOL
Converted for / Omskep vir	

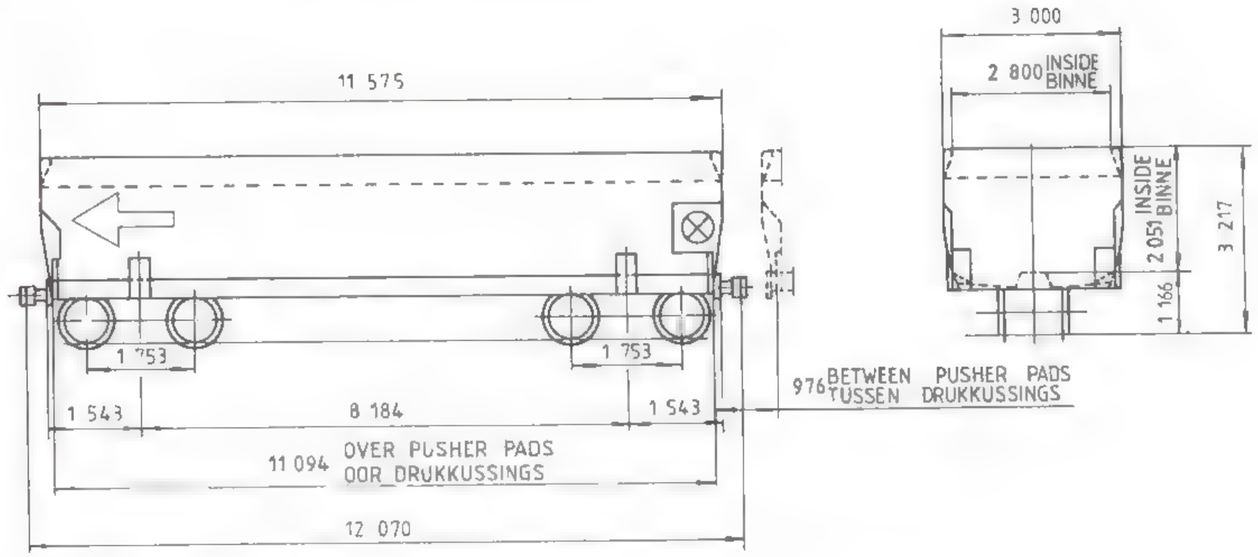
Revision / Hersiening						
Date / Datum						

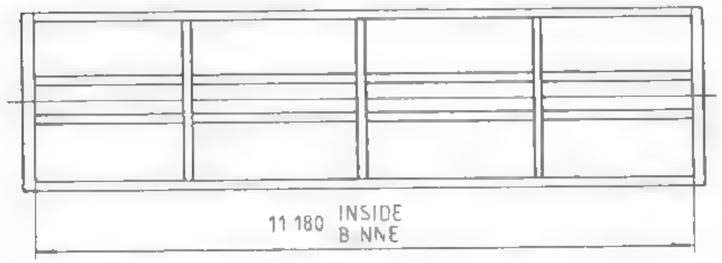
Tare (Average) kg / Tarra (Gemiddeld) kg	21 200
Load kg / Vrag kg	58 000
Load (Coal) kg / Vrag (Steenkool) kg	58 000
Floor Area m^2 / Vloeroppervlakte m^2	
Capacity m^3 / Inhoudsvermoë m^3	67,65

CCR-3

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening





Remarks :- Opmerkings
ARROW INDICATES ROTARY COUPLER END. OPPOSITE END FITTED WITH NON-ROTARY COUPLER
PYL DUI DRAAIKOPPELAAR-ENT AAN. TEENOORGESTELDE KANT GEPAS MET NIE-DRAAIENDE KOPPELAAR
ALUMINIUM BODY / BAK

Drawing Number / Tekeningnommer	F6149-010	
Bogie Type / Draaisteltipe	HS Mk III	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10	
Brake System / Remstelsel	L/A/R	
Brake Cylinders / Remsilinders	(V) ——	(L) 1/10 × 12
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) ——	(L) 32
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) ——	(L) 48,4/25,0
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	F/F	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	906
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	80 000
Originally designed for / Oorspronklik ontwerp vir	COAL / STEENKOOL
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
63-047 438	1980

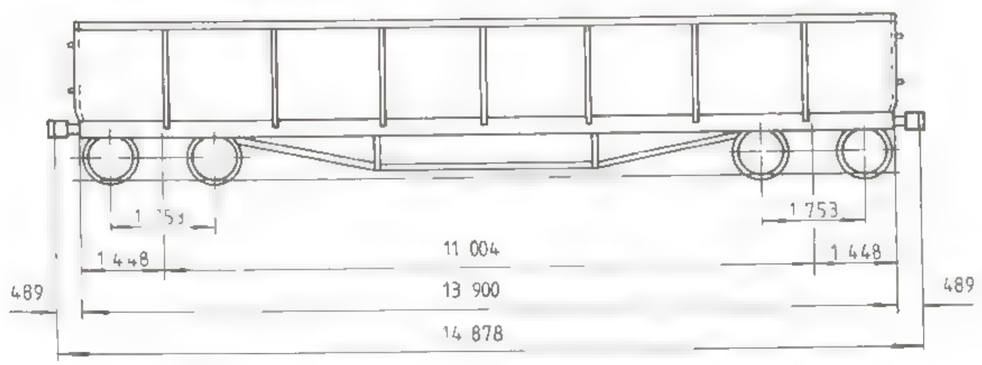
Converted from / Omskep van	Date / Datum

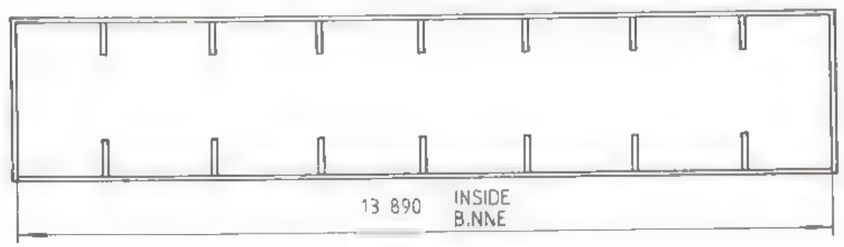
Tare (Average) kg / Tarra (Gemiddeld) kg	14 300
Load kg / Vrag kg	59 700
Load (Coal) kg / Vrag (Steenkool) kg	59 700
Floor Area m^2 / Vloeroppervlakte m^2	——
Capacity m^3 / Inhoudsvermoe m^3	68

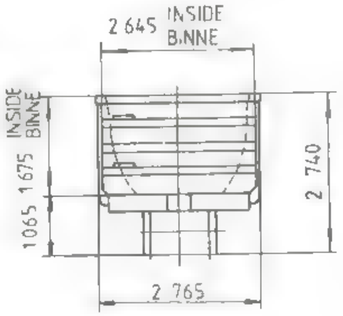
CCR-4X

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller







Remarks / Opmerkings :- RE-CODED FROM CCL-2 / HERKODEER VAN CCL-2

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
64-000 001/ 64-008 797 64-008 800/ 64-015 386	1979 1980-1981

Converted from / Omskep van	Date / Datum

Drawing Number / Tekeningnommer	CME 168/12-A21	
Bogie Type / Draaisteltipe	HS Mk III, HS Mk VII	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10	
Brake System / Remstelsel	L/R	
Brake Cylinders / Remsilinders	(V) —	(L) 1/10×12
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) —	(L) 32
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) —	(L) 68,4/18,8
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E	
Coupler / Yoke / Koppelaar / Juk	E/ SAR / SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)		
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	80 000	
Originally designed for / Oorspronklik ontwerp vir	COAL / STEENKOOL	
Converted for / Omskep vir		

Revision / Hersiening						
Date / Datum						

Tare (Average) kg / Tarra (Gemiddeld)	22 000
Load kg / Vrag	58 000
Load (Coal) kg / Vrag (Steenkool)	58 000
Floor Area m^2 / Vloeroppervlakte	
Capacity m^3 / Inhoudsvermoe	61,1

CFL-1

77

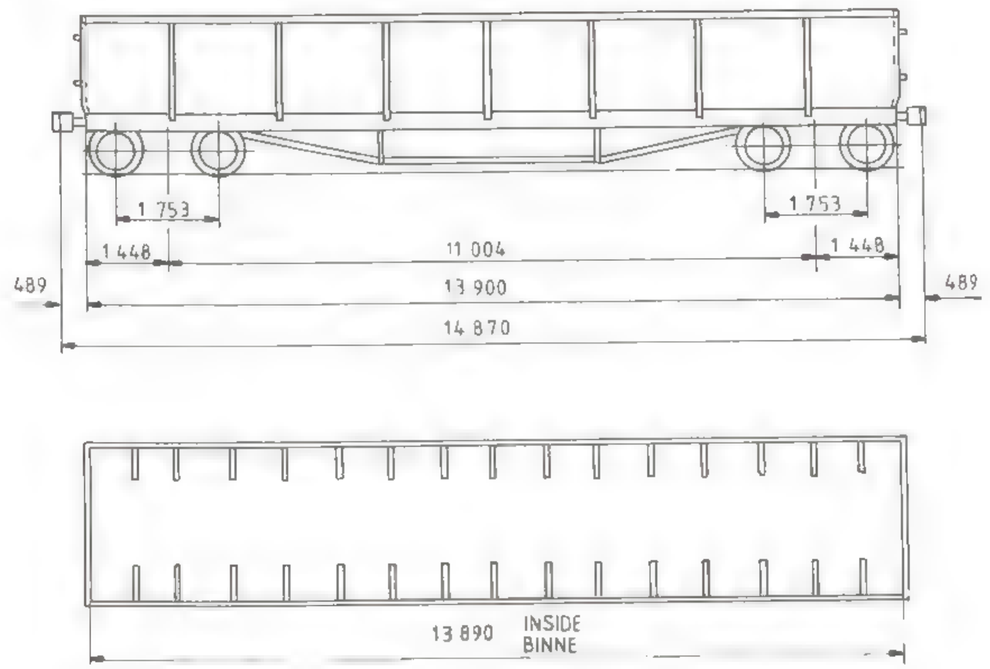
Drawgear Equipment - Trekwerkuitrusting

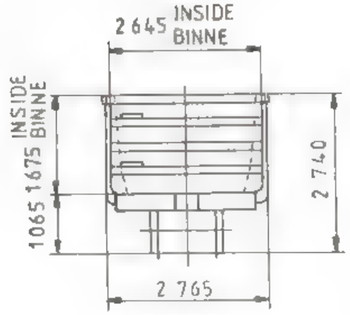
KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power-Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remversteller





Remarks
Opmerkings

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
64-021 009 / 64-024 849	1979 - 81

Converted from Omskep van	Date Datum
CFL - 1	1990

Drawing Number Tekeningnommer	RS 128/12-C55		
Bogie Type Draaisteltipe	HS MK VII		
Bearing Size Laergrootte	D		
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	10 / 10		
Brake System Remstelsel	L / R		
Brake Cylinders Remsilinders	(V)	(L) 1/10 x 12	
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V)	(L) 32	
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V)	(L) 73,65 / 20,25	
Drawgear Equipment Trekwerkuitrusting	AAR M 901 E		
Coupler / Yoke Koppelaar / Juk	E / SAR SAS		

Centre of Gravity (Empty) Swaartepunt (Leeg)	
Design Limit – Mass on Rail kg Ontwerplimiet – Massa op Spoor	80 000
Originally designed for Oorspronklik ontwerp vir	COAL STEENKOOL
Converted for Omskep vir	

Revision Hersiening						
Date Datum						

Tare (Average) kg Tarra (Gemiddeld)	20 100
Load kg Vrag	58 000
Load (Coal) kg Vrag (Steenkool)	58 000
Floor Area m^2 Vloeroppervlakte	
Capacity m^3 Inhoudsvermoe	61,1

CFL-3

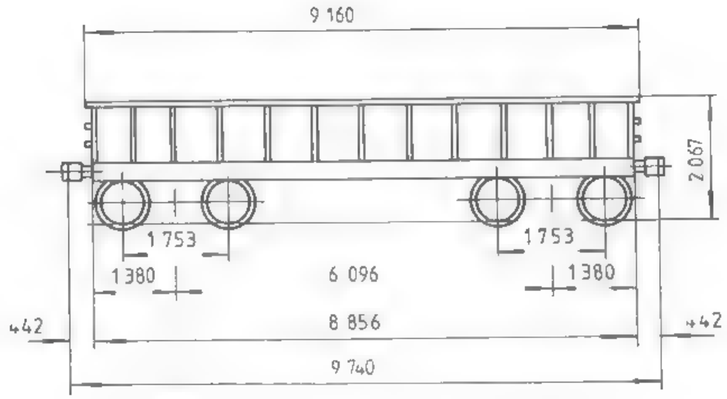
OZALID 85 2848

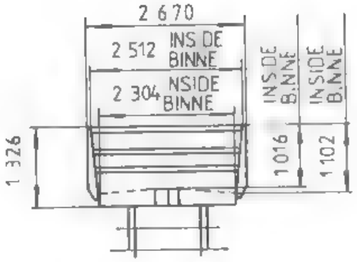
08-85

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting





Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
60-010 002 / 60-031 999	1970-71
60-032 006 / 60 043 008	1971-72

Brake System - Remstelsel

A Dual Power-Automatic
Tweekrag-Outomaties
R Slack Adjuster
Remversteller

V Vacuum
Vakuum
L Air
Lug
D Dual Power-Manually operated
Tweekrag-Handbediening

Remarks :-
Opmerkings

*1 W002/D010, W001/D011

*2 ABD AND EN L1 VALVES KLEPPE

*3 BEING EXCHANGED WITH E YOKE
WORD UITGERUIL MET JUK

*4

BOGIE TYPE DRAAISTELTIPE	LOAD VRAG kg
SPOORBARBER	59 000
HS MK III & VII	64 500

Drawing Number Tekeningnommer	W001/D010, *1
Bogie Type Draaisteltipe	SPOORBARBER ; HS Mk III HS Mk VII
Bearing Size Laergrootte	D
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	10 / 10
Brake System Remstelsel	L / A / R *2
Brake Cylinders Remsilinders	(V) — (L) 1/10 × 12
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) — (L) 32
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) — (L) 69,3/25,2
Drawgear Equipment Trekwerkuitrusting	AAR M 901 E
Coupler / Yoke Koppelaar / Juk	SASKOP-S / SAR SAS *3

Centre of Gravity (Empty) Swaartepunt (Leeg)	864
Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor	80 000
Originally designed for Oorspronklik ontwerp vir	IRON ORE YSTERERTS
Converted for Omskep vir	

Revision Hersiening							
Date Datum							

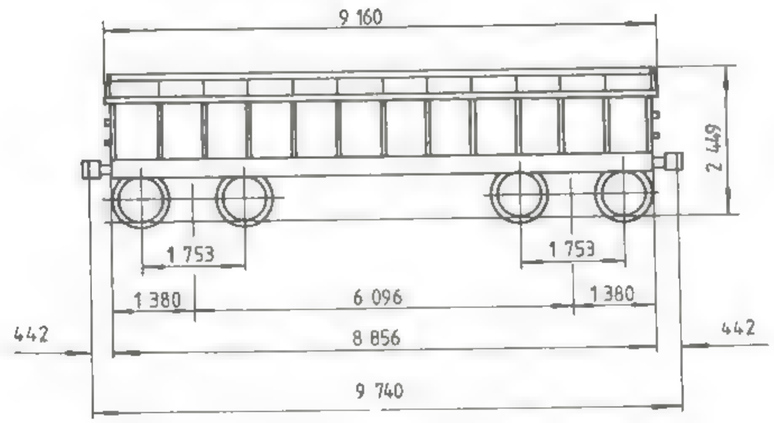
Converted from Omskep van	Date Datum
Tare (Average) kg Tarra (Gemiddeld)	14 960
Load kg Vrag	*4
Load (Coal) kg Vrag (Steenkool)	
Floor Area m^2 Vloeroppervlakte	
Capacity m^3 Inhoudsvermoë	22,4

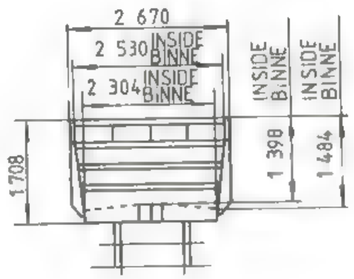
CR-1

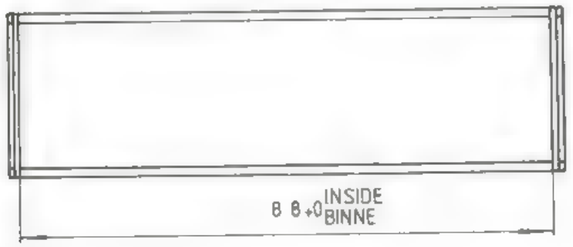
Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting







Remarks : *1 ABD AND EN L1 VALVES KLEPPE

*2 BEING EXCHANGED WITH E YOKE
WORD UITGERUIL MET JUK

*3

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
60-043 016 / 60-048 506	1970-1972

BOGIE TYPE / DRAAISTELTIPE	LOAD / VRAG kg
SPOORBARBER	58 000
HS MK III & VII	64 000

Converted from / Omskep van	Date / Datum
CR - 1	1973

Brake System - Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Drawing Number / Tekeningnommer	W001/D051	
Bogie Type / Draaisteltipe	SPOORBARBER ; HS Mk III / HS Mk VII	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 10	
Brake System / Remstelsel	L/A/R *1	
Brake Cylinders / Remsilinders	(V) —	(L) 1/10 × 12
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) —	(L) 32
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) —	(L) 66,9/25,3
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP-S/ SAR SAS *2	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	913
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	80 000
Originally designed for / Oorspronklik ontwerp vir	IRON ORE / YSTERERTS
Converted for / Omskep vir	MANGANESE ORE / MANGAANERTS

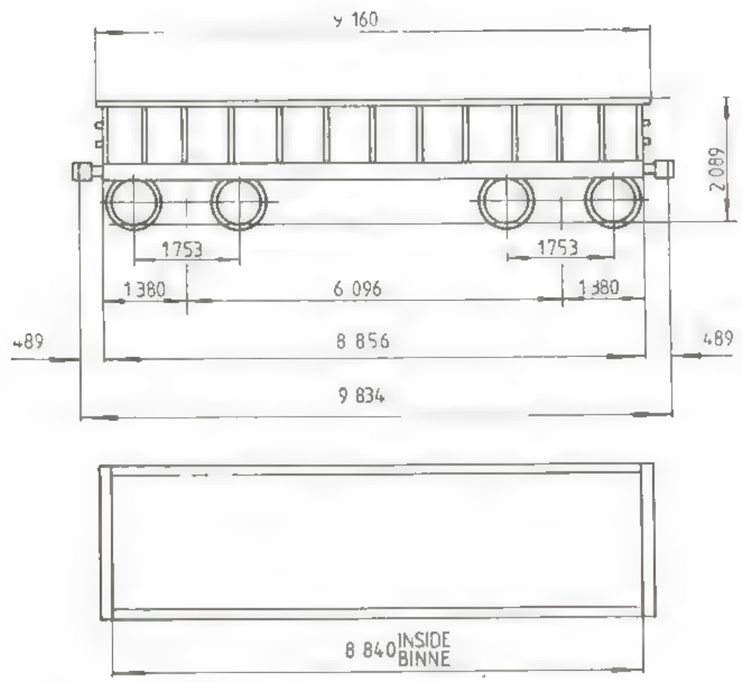
Revision / Hersiening						
Date / Datum						

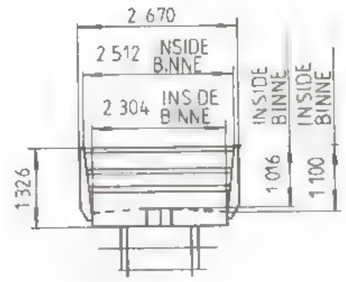
Tare (Average) / Tarra (Gemiddeld) kg	15 500
Load / Vrag kg	*3
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	
Capacity m^3 / Inhoudsvermoë	30,9

CR-2

80

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting





Vehicle Numbers / Voertuignommers			Placed in Service / In Gebruik Geneem
60 - 048	514 / 60 - 065	001	1975 - 1976
60 - 070	528 / 60 - 074	426	1977

Remarks / Opmerkings :- *1 ABD AND EN L 1 VALVES KLEPPE

*2 BEING EXCHANGED WITH WORD UITGERUIL MET E YOKE JUK

*3

BOGIE TYPE / DRAAISTELTIPE	LOAD / VRAG kg
SPOORBARBER	59 000
HS MK III & VII	64 500

Converted from / Omskep van

Date / Datum

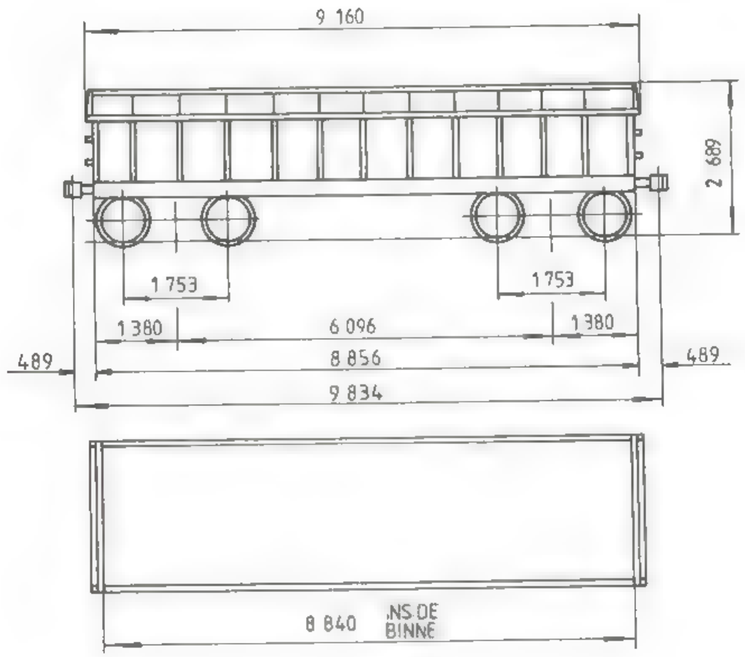
Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
■ Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

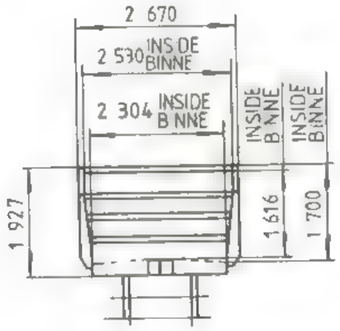
Drawing Number / Tekeningnommer	W 001 / D 024	
Bogie Type / Draaisteltipe	SPOORBARBER , HS Mk III / HS Mk VII	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 10	
Brake System / Remstelsel	L/A/R *1	
Brake Cylinders / Remsilinders	(V) —	(L) 1/10×12
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) —	(L) 32
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) —	(L) 69,1 / 25,1
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	E / SAR SAS *2	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	864	Tare (Average) kg / Tarra (Gemiddeld)	15 000
		Load kg / Vrag	*3
		Load (Coal) kg / Vrag (Steenkool)	
		Floor Area m^2 / Vloeroppervlakte	
		Capacity m^3 / Inhoudsvermoë	22,3
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	80 000		
Originally designed for / Oorspronklik ontwerp vir	IRON ORE / YSTERERTS		
Converted for / Omskep vir			

Revision / Hersiening						
Date / Datum						

CR-3





Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
*2 60-065 028 / 60-070 501	1975-76
*3 60-099 186 / 60-099 712	1975-79

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

Remarks / Opmerkings :- *1 ABD AND L1 VALVES / EN KLEPPE

*4 BEING EXCHANGED WITH E YOKE / WORD UITGERUIL MET JUK

*5

BOGIE TYPE DRAAISTELTIPE	LOAD VRAG kg
SPOORBARBER	57 000
HS MK III & VII	63 000

Drawing Number / Tekeningnommer	W 001 / D 043
Bogie Type / Draaisteltipe	SPOORBARBER
Bearing Size / Laergrootte	D
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 10
Brake System / Remstelsel	L / A / R *1
Brake Cylinders / Remsilinders	(V) (L) 1 / 10 x 12
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) — (L) 32
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) — (L) 62,8 / 25,4
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E
Coupler / Yoke Koppelaar / Juk	E / SAR SAS *4

Centre of Gravity (Empty) Swaartepunt (Leeg)	913
Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor	80 000
Originally designed for Oorspronklik ontwerp vir	IRON ORE YSTERERTS
Converted for Omskep vir	ROCK PHOSPHATE ROTSFOSFAAT

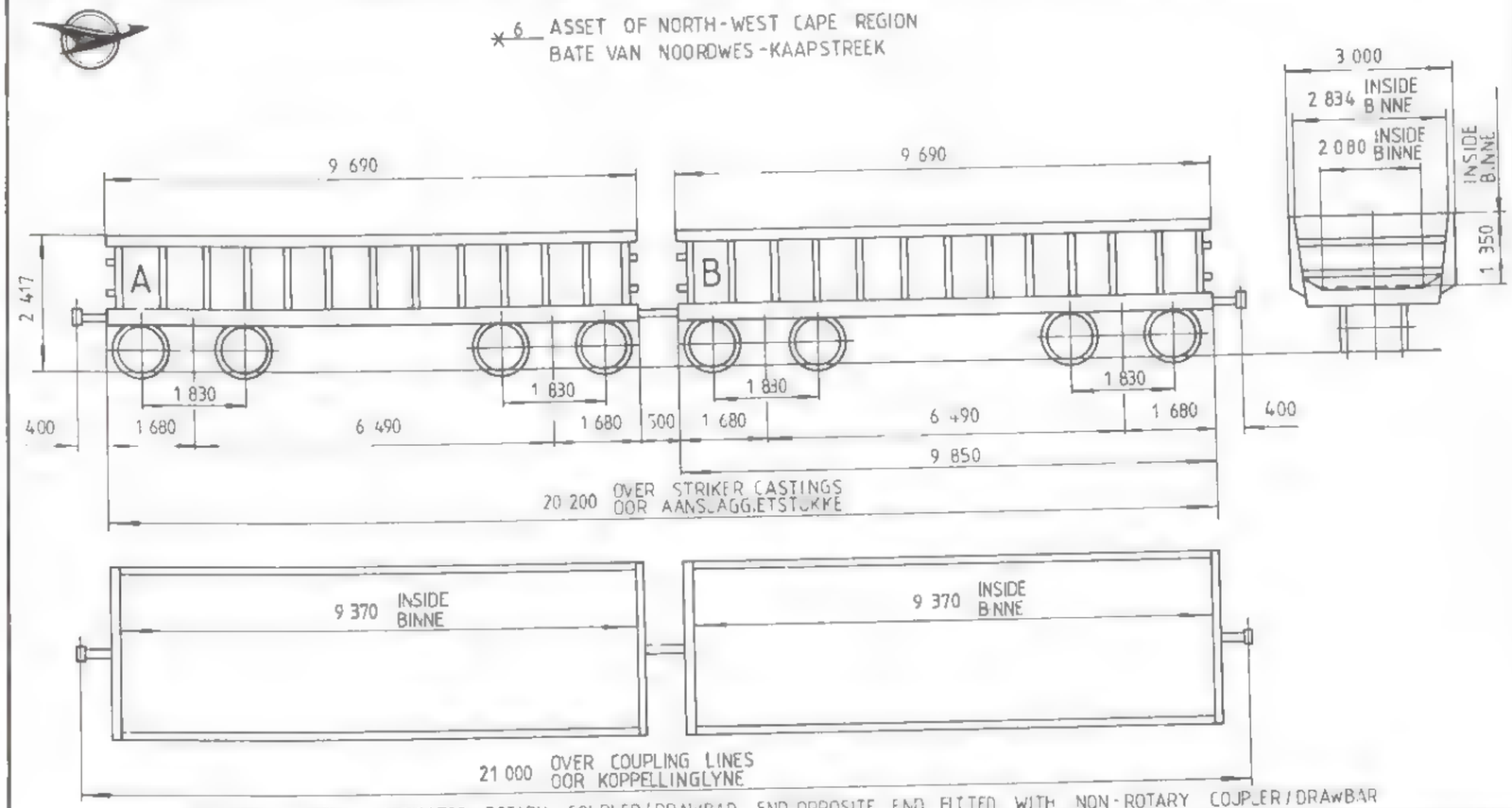
Revision Hersiening						
Date Datum						

Converted from Omskep van	Date Datum
CR-3 *2	1977
CR-3 *3	1980
Tare (Average) kg Tarra (Gemiddeld)	16 500
Load kg Vrag	*5
Load (Coal) kg Vrag (Steenkool)	
Floor Area m^2 Vloeroppervlakte	
Capacity m^3 Inhoudsvermoe	35,8

CR-4

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingnrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingnrigting

Brake System - Remstelsel
A Dual Power-Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remverstelle
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening



LETTERS A AND B INDICATES ROTARY COUPLER/DRAWBAR END OPPOSITE END FITTED WITH NON-ROTARY COUPLER/DRAWBAR
LETTERS A EN B DUI DRAAIKOPPELAAR/TREKSTANG ENT AAN TEENOORGESTELDE KANT GEPAS MET NIE DRAAIENDE KOPPELAAR/TREKSTANG

Remarks / **Opmerkings**:
- *1 SET OF 2 WAGONS WITH SEMI-PERMANENT DRAWBAR / STEL VAN 2 TROKKE MET HALFPERMANENTE TREKSTANG
- HAND BRAKE FITTED ON WAGON-A ONLY / SLEGS TROK-A IS VAN HANDREM VOORSIEN
- 1 750 WAGONS BUILT AS TYPE SS-10, Nos *2 / 1 750 TROKKE GEBOU SOOS TIPE SS-10, Nos. *6
- *2 ABD, B1 AND EN L1 VALVES, KLEPPE, ø 915 WHEEL WIEL
- *3 ABDW AND EN L1 VALVES, KLEPPE, ø 915 WHEEL WIEL
- *4 PER WAGON TROK

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
*2 96 074 434 / 96 093 676	1978
*3 96 093 684 / 96 099 178	

Converted from / Omskep van	Date / Datum

Drawing Number / Tekeningnommer	DO-SD 437 *2 W001/D053 *3		
Bogie Type / Draaisteltipe	HS Mk II *2 HS Mk V *3		
Bearing Size / Laergrootte	F		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	12/8		
Brake System / Remstelsel	L/A/R *1		
Brake Cylinders / Remsilinders	(V) —	(L) 1/10×12	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) —	(L) 32	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) —	(L) 45,5/15,3	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke / Koppelaar / Juk	F/F		

Centre of Gravity (Empty) / Swaartepunt (Leeg)	825
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	104 000
Originally designed for / Oorspronklik ontwerp vir	IRON ORE / YSTERERTS
Converted for / Omskep vir	

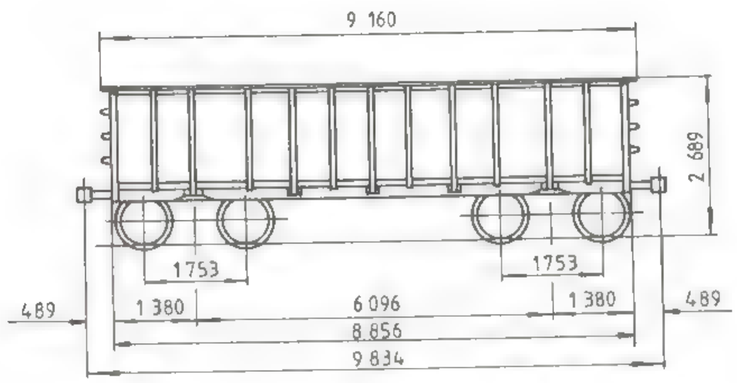
Revision / Hersiening						
Date / Datum						

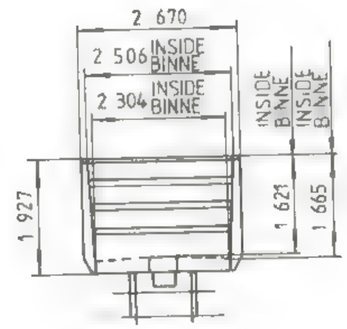
Tare (Average) kg / Tarra (Gemiddeld) kg	18 500 *4
Load kg / Vrag kg	81 000 NOM / 85 500 MAX *4
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m² / Vloeroppervlakte m²	
Capacity m³ / Inhoudsvermoe m³	33,3 *4

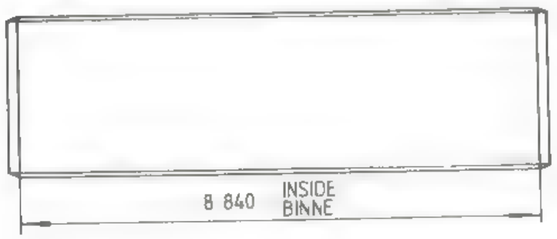
CR-5

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power – Manually operated / Tweekrag – Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller







Remarks / Opmerkings :- *1 A B D W AND EN L1 VALVES KLEPPE

*2 / *3 BEING EXCHANGED WITH / WORD UITGERUIL MET E YOKE JUK

Vehicle Numbers / Voertuignommers		Placed in Service / In Gebruik Geneem
*3	60-105 224 / 60-110 716	1981 - 1982
*3	60-110 724 / 60-116 218	1982 - 1984
	60-116 226 / 60-123 915	1981 - 1982

Drawing Number / Tekeningnommer	CME 172/12-A21
Bogie Type / Draaisteltipe	HS Mk VII
Bearing Size / Laergrootte	D
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 10
Brake System / Remstelsel	L/A/R *1
Brake Cylinders / Remsilinders	(V) — (L) 1/10×12
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) — (L) 32
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) — (L) 61,5/23,3
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E
Coupler / Yoke / Koppelaar / Juk	E/E AND SAR EN SAS *2

Centre of Gravity (Empty) / Swaartepunt (Leeg)	
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	80 000
Originally designed for / Oorspronklik ontwerp vir	IRON ORE / YSTERERTS
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

Converted from / Omskep van	Date / Datum

Tare (Average) kg / Tarra (Gemiddeld) kg	16 870
Load kg / Vrag kg	63 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	
Capacity m^3 / Inhoudsvermoe m^3	34,9

CR-6

B4

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingnrigting

SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingnrigting

Brake System - Remstelsel

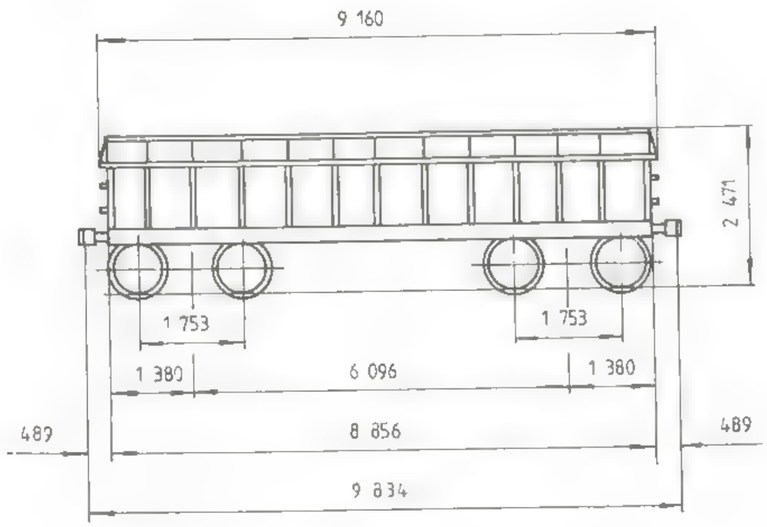
A Dual Power - Automatic / Tweekrag - Outomaties

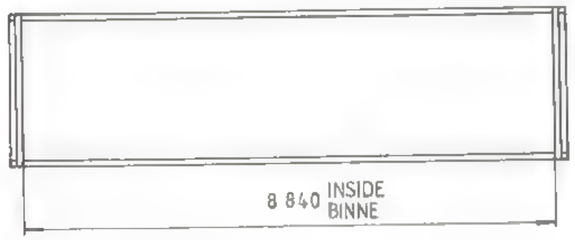
R Slack Adjuster / Remversteller

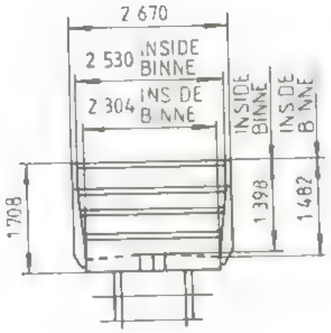
V Vacuum / Vakuum

L Air / Lug

D Dual Power - Manually operated / Tweekrag - Handbediening







Remarks :-
Opmerkings

*1 BEING EXCHANGED WITH E YOKE
WORD UITGERUIL MET JUK

*2

BOGIE TYPE DRAAISTELTIPE	LOAD VRAG kg
SPOORBARBER	58 000
HS MK III & VII	64 000

Drawing Number / Tekeningnommer	W 001/F 030
Bogie Type / Draaisteltipe	SPOORBARBER, HS Mk III / HS Mk VII
Bearing Size / Laergrootte	D
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10
Brake System / Remstelsel	L/A/R
Brake Cylinders / Remsilinders	(V) — (L) 1/10 x 12
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) — (L) 32
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) — (L) 64,8 / 25,2
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E
Coupler / Yoke / Koppelaar / Juk	E / SAR SAS *1

Centre of Gravity (Empty) / Swaartepunt (Leeg)	953
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	80 000
Originally designed for / Oorspronklik ontwerp vir	IRON ORE / YSTERERTS
Converted for / Omskep vir	MANGANESE ORE / MANGAANERTS

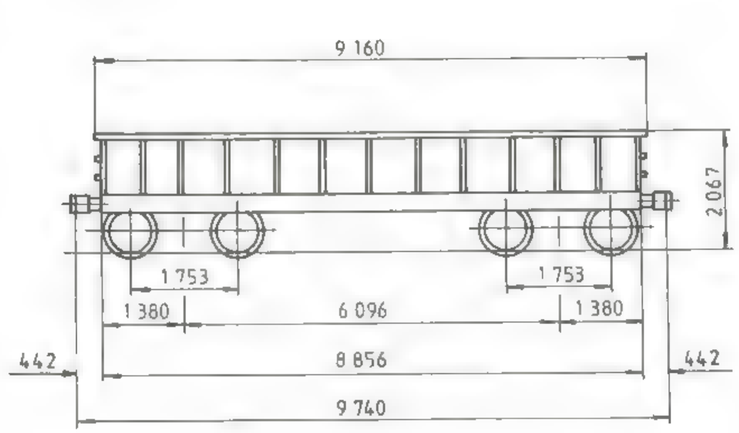
Revision / Hersiening						
Date / Datum						

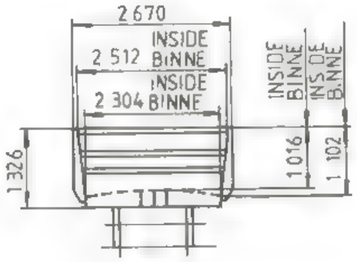
Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
60 - 099 720/60-105 216	1975 - 1977

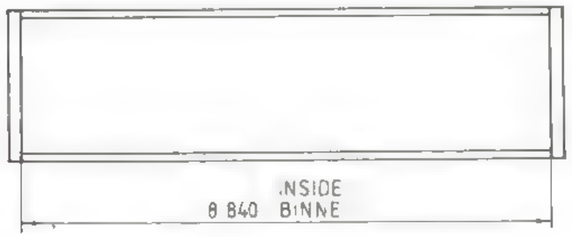
Converted from / Omskep van	Date / Datum
CR - 3	1980 1981

Tare (Average) kg / Tarra (Gemiddeld)	16 000
Load kg / Vrag	*2
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	
Capacity m^3 / Inhoudsvermoe	30,9

CR-7







Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
60 - 124 008 / 60 - 125 268	1970 - 72

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
■ Dual Power - Manually operated / Tweekrag - Handbediening

Remarks / Opmerkings :-
*1 W002/D010, W001/D011
*2 ABD AND / EN L1 VALVES / KLEPPE
*3 ANGLES WELDED TO FLOOR / HOEKPROFIELE AAN VLOER GESWEIS
*4 BEING EXCHANGED WITH E YOKE / WORD UITGERUIL MET JUK
*5

BOGIE TYPE / DRAAISTELTIPE	LOAD kg / VRAG
SPOORBARBER	59 000
HS MK III & VII	64 500

Drawing Number / Tekeningnommer	W001/D010, *1		
Bogie Type / Draaisteltipe	SPOORBARBER, HS MK III HS MK VII		
Bearing Size / Laergrootte	D		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 10		
Brake System / Remstelsel	L/A/R *2		
Brake Cylinders / Remsilinders	(V) –	(L) 1/10 × 12	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) –	(L) 32	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) –	(L) 69,1 / 25,2	
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS *4		

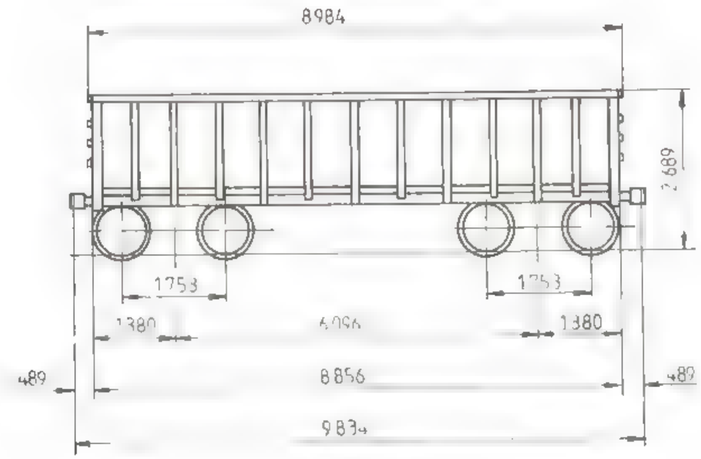
Centre of Gravity (Empty) / Swaartepunt (Leeg)	864
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	80 000
Originally designed for / Oorspronklik ontwerp vir	IRON ORE / YSTERERTS
Converted for / Omskep vir	SLABS / PLATBLOKKE *3

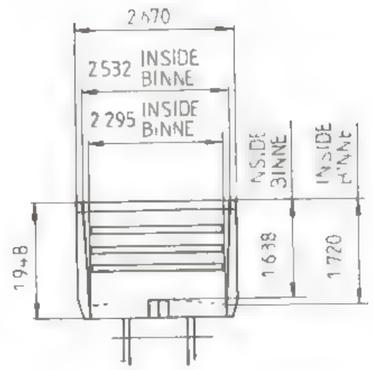
Revision / Hersiening						
Date / Datum						

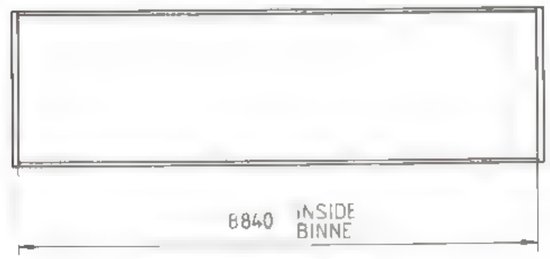
Converted from / Omskep van	Date / Datum
CR-1	1982

Tare (Average) kg / Tarra (Gemiddeld) kg	15 000
Load kg / Vrag kg	*5
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	
Capacity m^3 / Inhoudsvermoe m^3	22,4

CR-8







Remarks
Opmerkings

*1 ABD AND L1 VALVES
EN KLEPPE

*2 FOR WAGONS WITH TOP EXTENSIONS SEE DRG UTH 024A000
VIR TROKKE MET BOVERLENING KYK TEK

Drawgear Equipment · Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidroulies kussingrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidroulies kussingrigting

Brake System · Remstelsel

A Dual Power-Automatic
Tweekrag-Outomaties
Slack Adjuster
R Remversteller

V Vacuum
Vakuum
Air
L Lug
Dual Power - Manually operated
D Tweekrag - Handbediening

Drawing Number / Tekeningnommer	CME 188/12-A21 / *2	
Bogie Type / Draaisteltipe	H S Mk VII	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10	
Brake System / Remstelsel	L,A/R *1	
Brake Cylinders / Remsilinders	(V) —	(L) 1/10×12
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) -	(L) 32
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V)	(L) 63,9/23,6
Drawgear Equipment / Trekwerkuitrusting	AAR M 901E	
Coupler / Yoke / Koppelaar / Juk	E/E	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	80 000
Originally designed for / Oorspronklik ontwerp vir	RON ORE YSTERERTS
Converted for / Omskep vir	

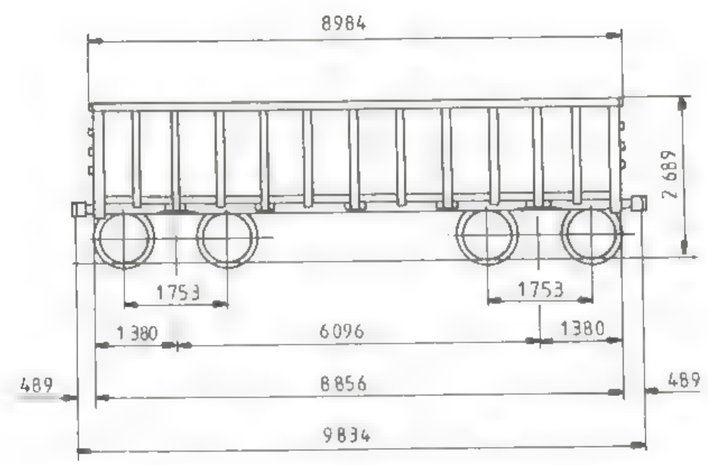
Revision / Hersiening						
Date / Datum						

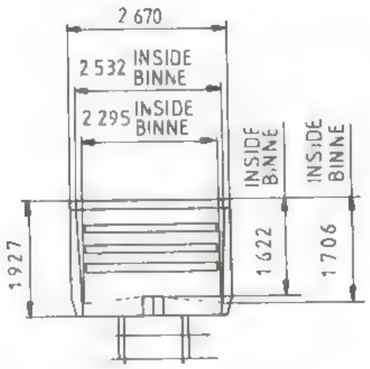
Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
60-124 008 / 60-156 945	1970 - 1972

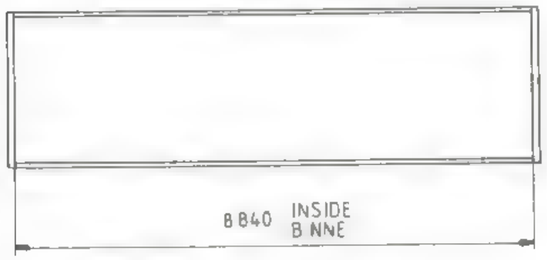
Converted from / Omskep van	Date / Datum
CR-1,2,8	1986

Tare (Average) kg / Tarra (Gemiddeld) kg	16 300
Load kg / Vrag kg	63 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	
Capacity m^3 / Inhoudsvermoe m^3	35,6

CR-9







Remarks / Opmerkings: * 1 — ABD AND EN L1 VALVES KLEPPE

Drawgear Equipment · Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System · Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power-Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remversteller

Drawing Number / Tekeningnommer	CME 190/12 A21	
Bogie Type / Draaisteltipe	HS Mk VII	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10	
Brake System / Remstelsel	L A R * 1	
Brake Cylinders / Remsilinders	(V) —	(L) 1/10 x 12
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) —	(L) 32
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) —	(L) 64,8/25,4
Drawgear Equipment / Trekwerkuitrusting	AAR M901E	
Coupler / Yoke / Koppelaar / Juk	E / E	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	80 000
Originally designed for / Oorspronklik ontwerp vir	IRON ORE / YSTERERTS
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

Vehicle Numbers / Voertuignommers	Placed In Service / In Gebruik Geneem
60 158 018 / 60-168 439	1975-1977
60-168 447 / 60-174 110	1975-1979
60-174 129 / 60-179 600	1975-1977

Converted from / Omskep van	Date / Datum
CR-3,4,7	1989-1990

Tare (Average) / Tarra (Gemiddeld)	kg	16 500
Load / Vrag	kg	63 000
Load (Coal) / Vrag (Steenkool)	kg	
Floor Area / Vloeroppervlakte	m^2	
Capacity / Inhoudsvermoe	m^3	35,5

CR-10

OZALID 85 2948

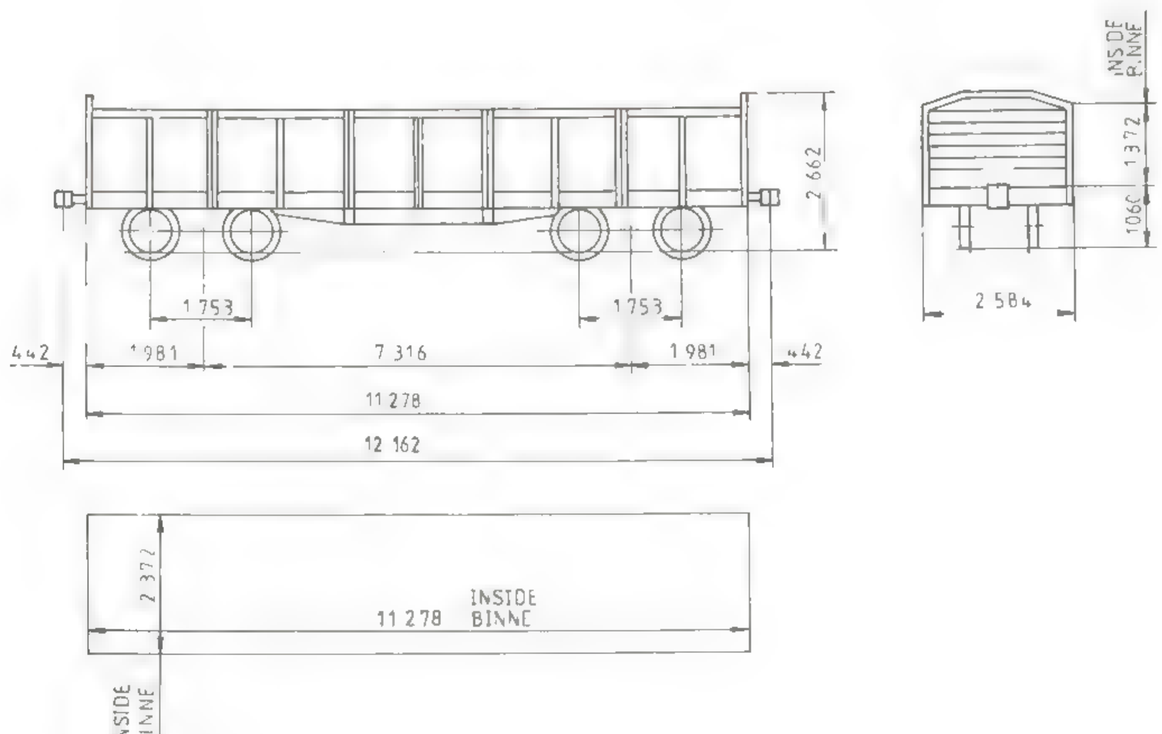
Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussingrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussingrigting

Brake System - Remsteisel

V Vacuum / Vakuum
L Air
Lug
D Dual Power - Manually operated / Tweekrag - Handbedrening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller



Remarks
Opmerkings :-

Drawing Number / Tekeningnommer	CME 159/12-A21
Bogie Type / Draaisteltipe	SARCAST
Bearing Size / Laergrootte	10 x 5
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6/0
Brake System / Remsteisel	V
Brake Cylinders / Remsilinders	(V) 2/18 (L) –
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 84,8 /25,2 (L) –
Drawgear Equipment / Trekwerkuitrusting	AAR M901E
Coupler / Yoke / Koppelaar / Juk	SASKOP-S/SAR SAS

Centre of Gravity (Empty) / Swaartepunt (Leeg)	768
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	60000
Originally designed for / Oorspronklik ontwerp vir	SUGAR SUIKER
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
61-010 006 / 61-015 490	1968

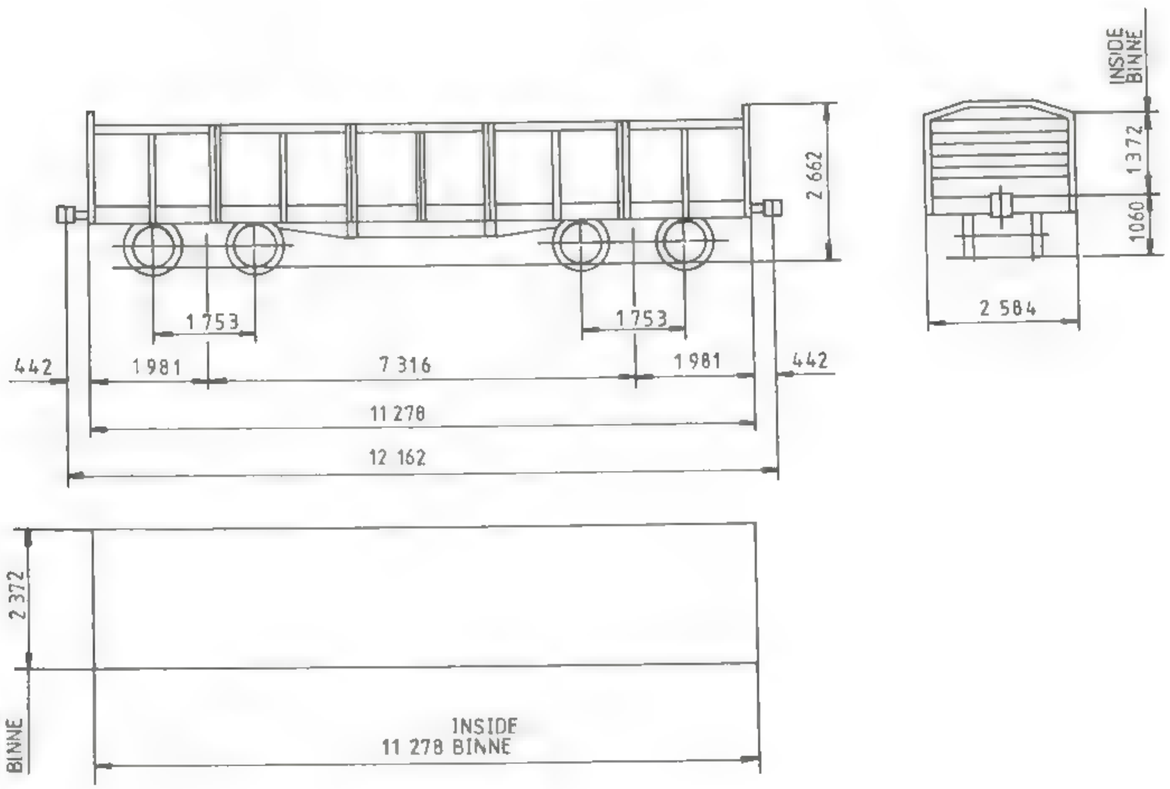
Converted from / Omskep van	Date / Datum

Tare (Average) kg / Tarra (Gemiddeld) kg	17 780
Load kg / Vrag kg	42000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m² / Vloeroppervlakte m²	26 8
Capacity m³ / Inhoudsvermoë m³	36,7

CS-1

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller



Remarks / Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
61-010 006 / 61-015 490	1968

Converted from / Omskep van	Date / Datum
CS-1	1985 -

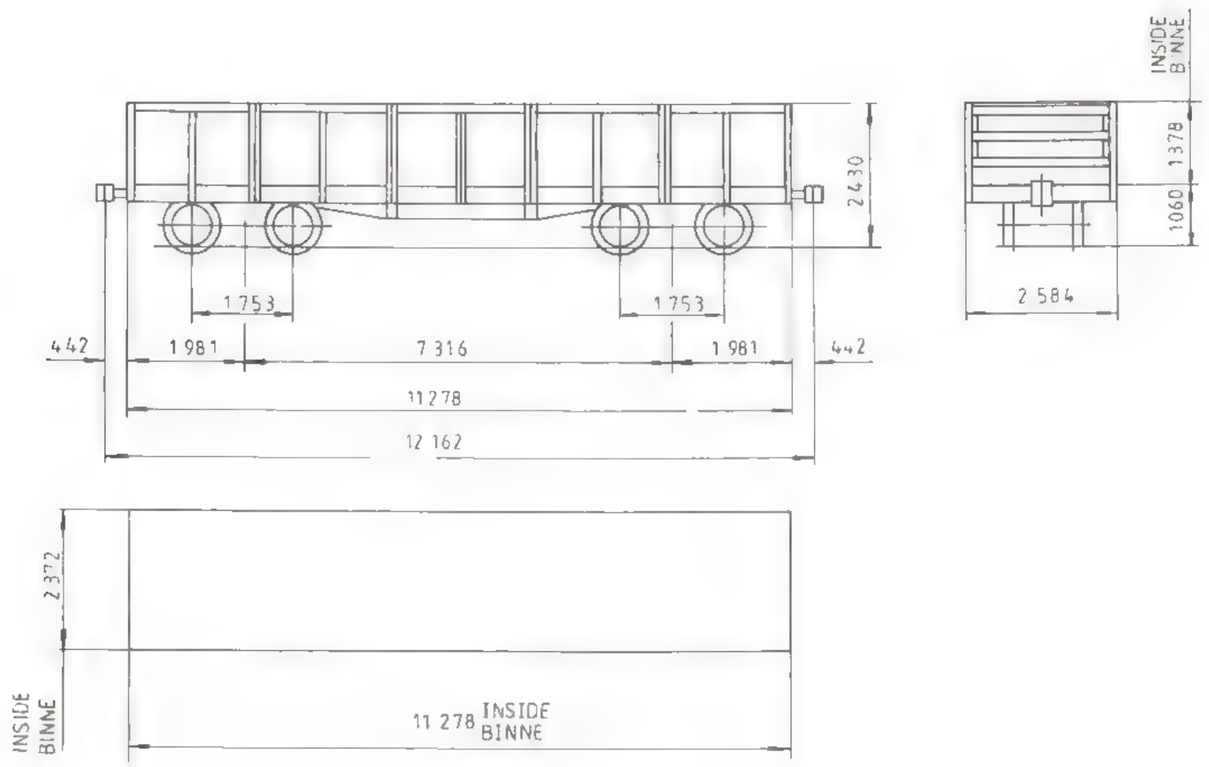
Drawing Number / Tekeningnommer	CME 159/12-A21
Bogie Type / Draaisteltipe	SARCAST
Bearing Size / Laergrootte	10 × 5
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6/0
Brake System / Remstelsel	V
Brake Cylinders / Remsilinders	(V) 2/18 (L) -
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65 (L) -
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 84,8 / 25,2 (L) -
Drawgear Equipment / Trekwerkuitrusting	AAR M901E
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS

Centre of Gravity (Empty) / Swaartepunt (Leeg)	768
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60000
Originally designed for / Oorspronklik ontwerp vir	SUGAR / SUIKER
Converted for / Omskep vir	

Revision / Hersiening							
Date / Datum							

Tare (Average) kg / Tarra (Gemiddeld)	17 780
Load kg / Vrag	42 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	26,8
Capacity m^3 / Inhoudsvermoë	36,7

CSJ-1



Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
61-016 004 / 61-018 740	1968

Remarks
Opmerkings

- ✳1 CANCAR
  DIAMOND FRAME / RUITRAAM
  SARCAST
- ✳2 ex B-1 81,2 / 24,4
  ex B-2 82,5 / 26,3
  ex B-3 86,1 / 26,7

Drawgear Equipment - **Trekwerkuitrusting**

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

ESC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System - **Remstelsel**

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power-Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remversteller

Drawing Number / Tekeningnommer		CME 121/12-CSS	
Bogie Type / Draaisteltipe		✳1	
Bearing Size / Laergrootte		10 × 5	
Springs per Bogie / Vere per Draaistel	Outer / Inner / Buite / Binne	6/0	
Brake System / Remstelsel		V	
Brake Cylinders / Remsilinders		(V) 2/18	(L)
Train Pipe / Treinpyp Brake Pipe / Rempyp		(V) 65	(L) –
Brake Percentage / Rempersentasie	Empty / Loaded / Leeg / Met Vrag	(V) ✳2	(L) –
Drawgear Equipment / Trekwerkuitrusting		AAR M901E	
Coupler / Yoke / Koppelaar / Juk		SASKOP-S/SAR SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	768
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	60000
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE
Converted for / Omskep vir	

Revision / Hersiening							
Date / Datum							

Converted from / Omskep van	Date / Datum
B-1, B 2, B 3	1986

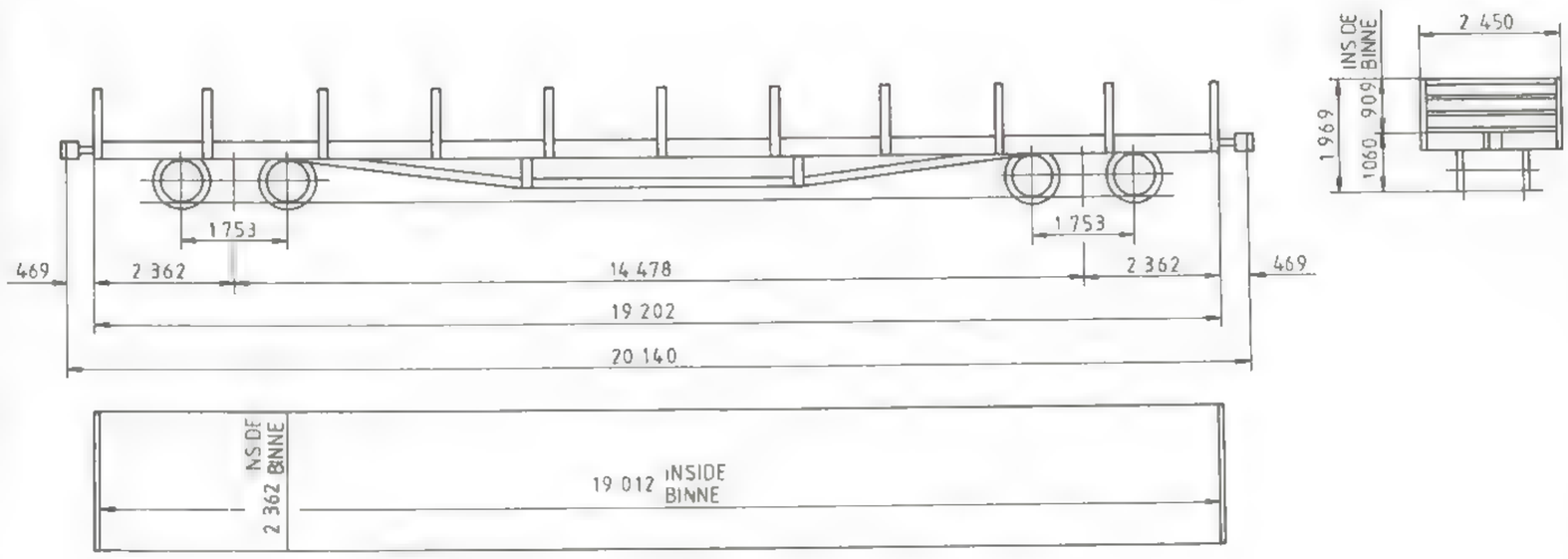
Tare (Average) kg / Tarra (Gemiddeld) kg		17 500
Load / Vrag kg		42 000
Load (Coal) kg / Vrag (Steenkool) kg		
Floor Area / Vloeroppervlakte	m^2	26,8
Capacity / Inhoudsvermoë	m^3	36 7

CSJ-2

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting



Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
22-010 041 22-010 068	1937 1937

Remarks
Opmerkings :-

Converted from Omskep van	Date Datum
DAZ-1	1982-

Brake System - Remstelsel

A Dual Power - Automatic
Tweekrag - Outomaties
■ Slack Adjuster
Remversteller

V Vacuum
Vakuum
L Air
Lug
D Dual Power - Manually operated
Tweekrag - Handbediening

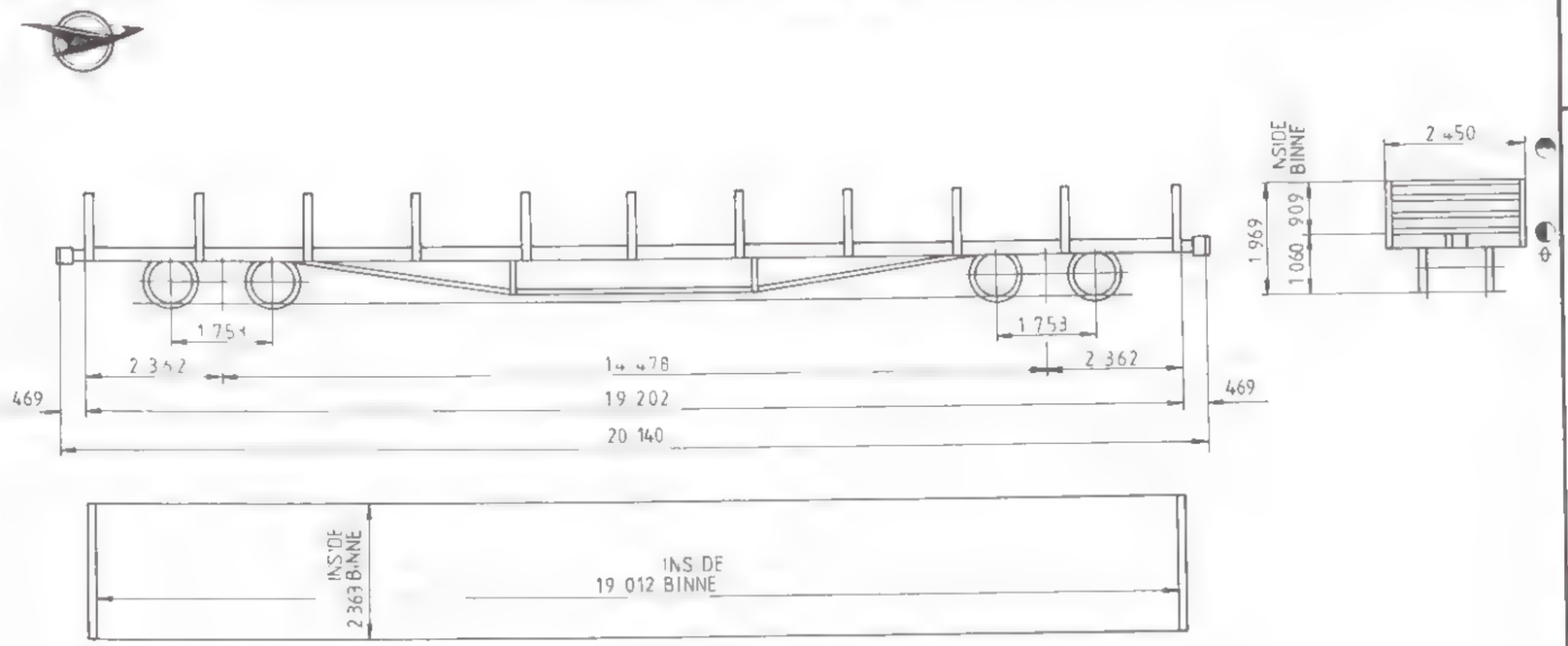
Drawing Number Tekeningnommer	W1/9 500 CE No. A1/14771	
Bogie Type Draaisteltipe	DIAMOND FRAME RUITRAAM	
Bearing Size Laergrootte	11 × 5 1/2	
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	6 / 6	
Brake System Remstelsel	V	
Brake Cylinders Remsilinders	(V) 2 / 24	(L) —
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 50 / 65	(L) —
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 93,6 / 29,2	(L) —
Drawgear Equipment Trekwerkuitrusting	AAR M 901E	
Coupler / Yoke Koppelaar / Juk	SASKOP-M / SAR SAS	

Centre of Gravity (Empty) Swaartepunt (Leeg)	648
Design Limit – Mass on Rail kg Ontwerplimiet – Massa op Spoor	74 000
Originally designed for Oorspronklik ontwerp vir	ABNORMAL LOADS ABNORMAL VRAGTE
Converted for Omskep vir	

Revision Hersiening						
Date Datum						

Tare (Average) kg Tarra (Gemiddeld)	21 770
Load kg Vrag	48 000
Load (Coal) kg Vrag (Steenkool)	
Floor Area m^2 Vloeroppervlakte	44,9
Capacity m^3 Inhoudsvermoë	40,8

DAJ-1



Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidroulies kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidroulies kussinginrigting

Brake System - Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
22 - 011 005 / 22 - 011 226	1949
22 - 011 234 / 22 - 011 552	1951
22 - 011 560 / 22 - 012 109	1959
22 - 012 117 / 22 - 012 656	1965
22 - 012 644	1972

Remarks / Opmerkings

* 21 CYLINDERS / SILINDERS 90,93 / 28,15
24 CYLINDERS / SILINDERS 94,7 / 29,3 ◐

RECODED FROM / HERKODEER VAN DAZ-2

Drawing Number / Tekeningnommer	W1/10865
Bogie Type / Draaisteltipe	DIAMOND FRAME / RUITRAAM / SARCAST
Bearing Size / Laergrootte	11 × 5½
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6 / 6
Brake System / Remstelsel	V
Brake Cylinders / Remsilinders	(V) 2/21 2/24 (L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 50 65◐ (L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) * (L)
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E
Coupler / Yoke / Koppelaar / Juk	SASKOP-M / SAR / SAS

Centre of Gravity (Empty) / Swaartepunt (Leeg)	648
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	ABNORMAL LOADS / ABNORMALE VRAGTE
Converted for / Omskep vir	

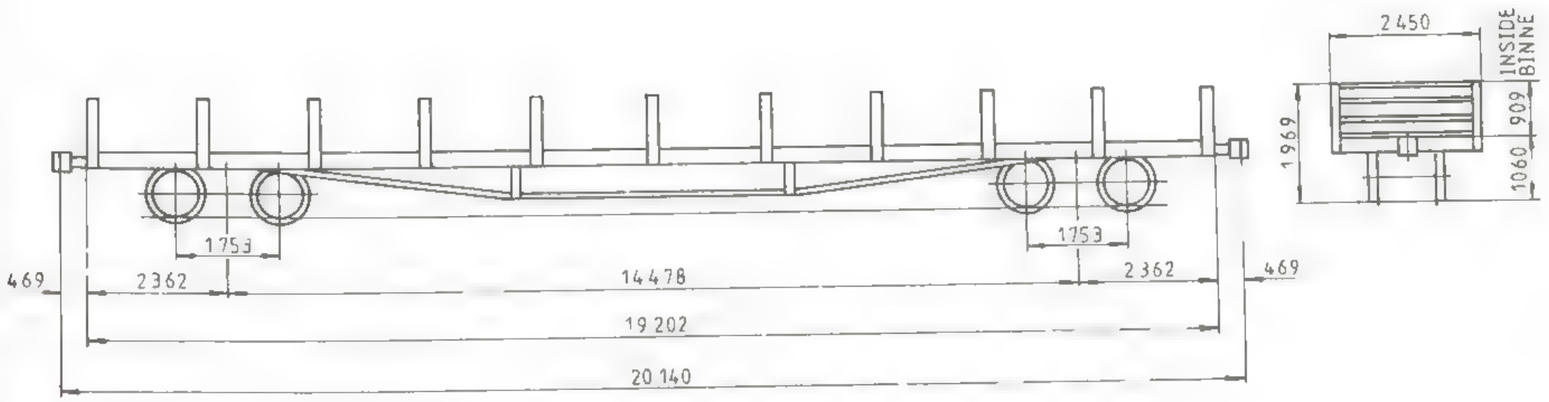
Revision / Hersiening						
Date / Datum						

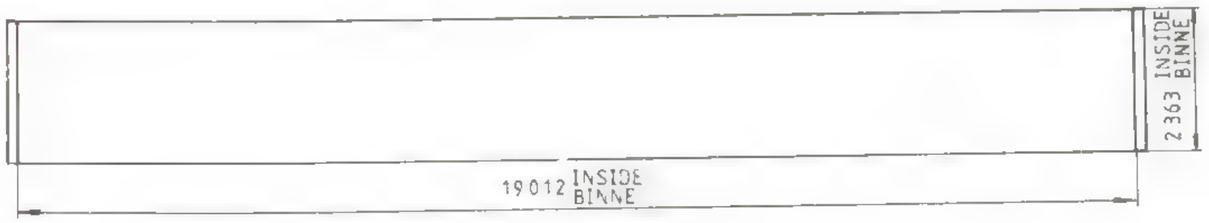
Converted from / Omskep van	Date / Datum
Θ Z	1982

Tare (Average) kg / Tarra (Gemiddeld) kg	21 520
Load / Vrag kg	48 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area / Vloeroppervlakte m^2	44,9
Capacity / Inhoudsvermoë m^3	40 8

DAJ-2

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussingrigting





Remarks :- RECODED FROM DAZ-3
Opmerkings :- HERKODEER VAN DAZ-3

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
22-013 091	1969
22-013 105	1969
22-013 318	1969

Converted from / Omskep van	Date / Datum

Drawing Number / Tekeningnommer	W 1/10865
Bogie Type / Draaisteltipe	SPOORBARBER
Bearing Size / Laergrootte	D
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/8
Brake System / Remstelsel	V
Brake Cylinders / Remsilinders	(V) 2/21 (L) –
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 88,4 / 27,9 (L) –
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E
Coupler / Yoke / Koppelaar / Juk	SASKOP-M / SAR SAS

Centre of Gravity (Empty) / Swaartepunt (Leeg)	
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	74000
Originally designed for / Oorspronklik ontwerp vir	ABNORMAL LOADS / ABNORMALE VRAGTE
Converted for / Omskep vir	

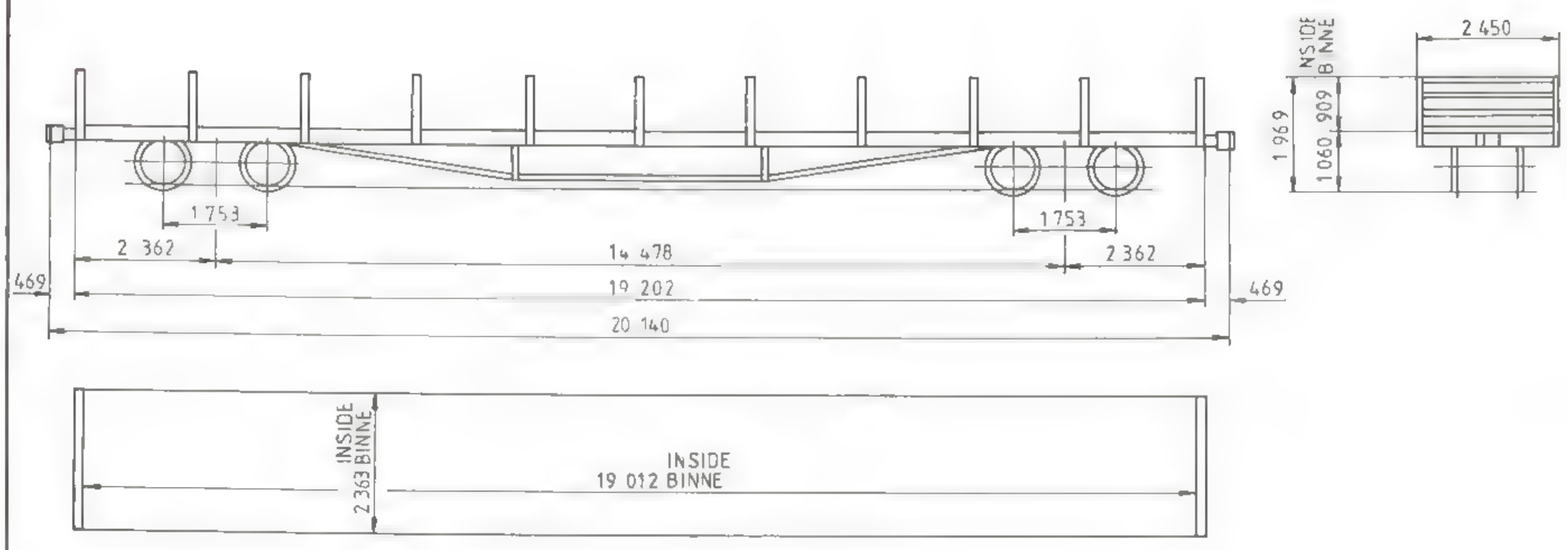
Revision / Hersiening							
Date / Datum							

Tare (Average) kg / Tarra (Gemiddeld)	22130
Load kg / Vrag	48000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	44,9
Capacity m^3 / Inhoudsvermoe	40,8

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
■ Dual Power – Manually operated / Tweekrag – Handbediening
A Dual Power-Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remverstelle

DAJ-3

94



Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidroulies kussingrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidroulies kussingrigting

Brake System - Remstelsel

A Dual Power Automatic
Tweekrag-Outomaties
R Slack Adjuster
Remversteller

V Vacuum
Vakuum
L Air
Lug
D Dual Power – Manually operated
Tweekrag – Handbediening

Remarks :- RECODED FROM DAZ-4
Opmerkings HERKODEER VAN

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
22-014 004 , 22-014 055	1972
22-014 071 , 22-014 144	1972
22-014 160 , 22-014 217	1972
22-014 241	1972

Converted from Omskep van	Date Datum

Drawing Number Tekeningnommer	CME 3027/12-000		
Bogie Type Draaisteltipe	SPOORBARBER		
Bearing Size Laergrootte	D		
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	10/8		
Brake System Remsteelsel	V		
Brake Cylinders Remsilinders	(V) 2/21	(L)	
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)	
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 74,43/23,33	(L)	
Drawgear Equipment Trekwerkuitrusting	AAR M 901 E		
Coupler / Yoke Koppelaar / Juk	SASKOP-M / SAR SAS		

Centre of Gravity (Empty) Swaartepunt (Leeg)	648
Design Limit – Mass on Rail kg Ontwerplimiet – Massa op Spoor	74 000
Originally designed for Oorspronklik ontwerp vir	ABNORMAL LOADS ABNORMALE VRAGTE
Converted for Omskep vir	

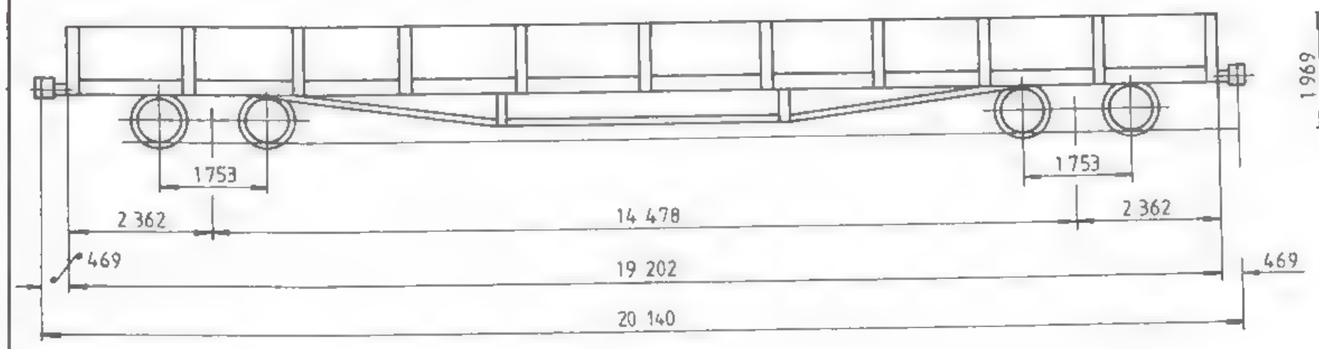
Revision Hersiening						
Date Datum						

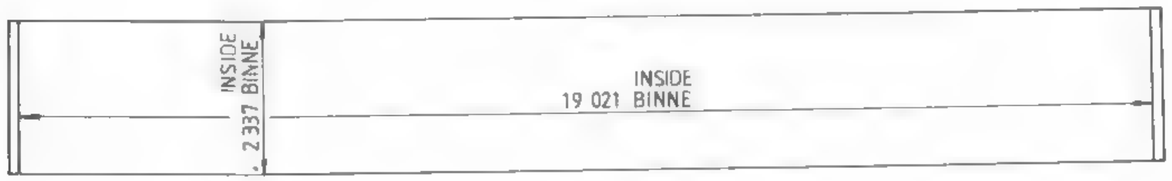
Tare (Average) kg Tarra (Gemiddeld)	21 910
Load kg Vrag	48 000
Load (Coal) kg Vrag (Steenkool)	
Floor Area m^2 Vloeroppervlakte	44,9
Capacity m^3 Inhoudsvermoë	40,8

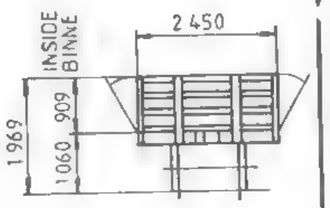
DAJ-4

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
A Dual Power-Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening







Vehicle Numbers / Voertuignommers		Placed in Service / In Gebruik Geneem
22-014 578,	22-014 586	1974
22-014 594,	22-014 608	1974
22-014 616,	22-014 624	1974
22-014 632,	22-014 640	1974
22-014 659,	22-014 667	1974
22-014 691,	22-014 705	1974
22-014 721,	22-014 748	1974
22-014 756,	22-014 764	1974
22-014 772,	22-014 780	1974
22-015 507,	22-015 612	1974

Remarks / Opmerkings : RECODED FROM / HERKODEER VAN DA-5

Drawing Number / Tekeningnommer	W001/F013	
Bogie Type / Draaisteltipe	SPOORBARBER	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/8	
Brake System / Remstelsel	V/R	
Brake Cylinders / Remsilinders	(V) 2/21	(L) —
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) —
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 84,7/29,0	(L) —
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP-M / SAR SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	720
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	ABNORMAL LOADS / ABNORMALE VRAGTE
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

Converted from / Omskep van	Date / Datum

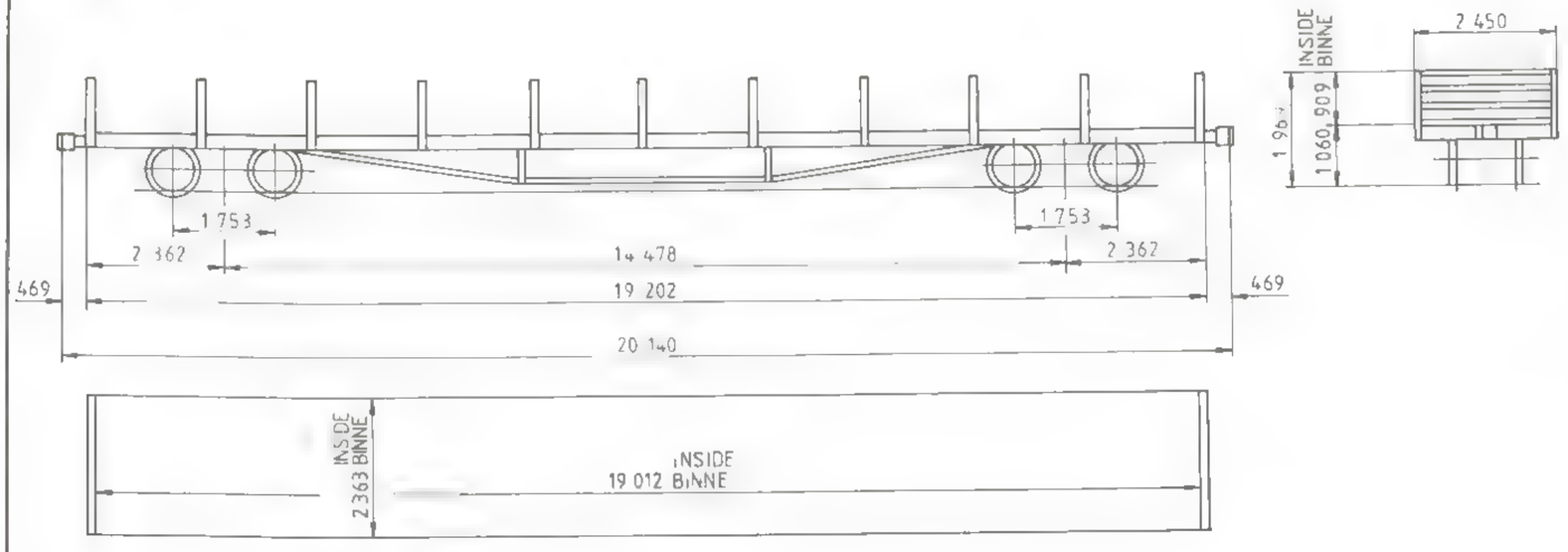
Tare (Average) kg / Tarra (Gemiddeld) kg	23 910
Load kg / Vrag kg	46 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	44,5
Capacity m^3 / Inhoudsvermoë m^3	40,4

DAJ-5

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidroulies kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidroulies kussinginrigting



Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
22 - 015 647 / 22 - 016 759	1977

Remarks :- RECODED FROM DAZ-6
Opmerkings HERKODEER VAN

Brake System - Remsteisel

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Drawing Number Tekeningnommer		W 001 / D 045	
Bogie Type Draaisteltipe		SPOORBARBER	
Bearing Size Laergrootte		D	
Springs per Bogie Vere per Draaistel	Outer / Inner Buite / Binne	10 / 8	
Brake System Remstelsel		V / R	
Brake Cylinders Remsilinders		(V) 2 / 18	(L)
Train Pipe / Treinpyp Brake Pipe / Rempyp		(V) 65	(L)
Brake Percentage Rempersentasie	Empty / Loaded Leeg / Met Vrag	(V) 85,68/26,85	(L)
Drawgear Equipment Trekwerkuitrusting		AAR M901 E	
Coupler / Yoke Koppelaar / Juk		SASKOP-M / SAR SAS	

Centre of Gravity (Empty) Swaartepunt (Leeg)	648
Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor	74 000
Originally designed for Oorspronklik ontwerp vir	ABNORMAL LOADS ABNORMALE VRAGTE
Converted for Omskep vir	

Revision Hersiening						
Date Datum						

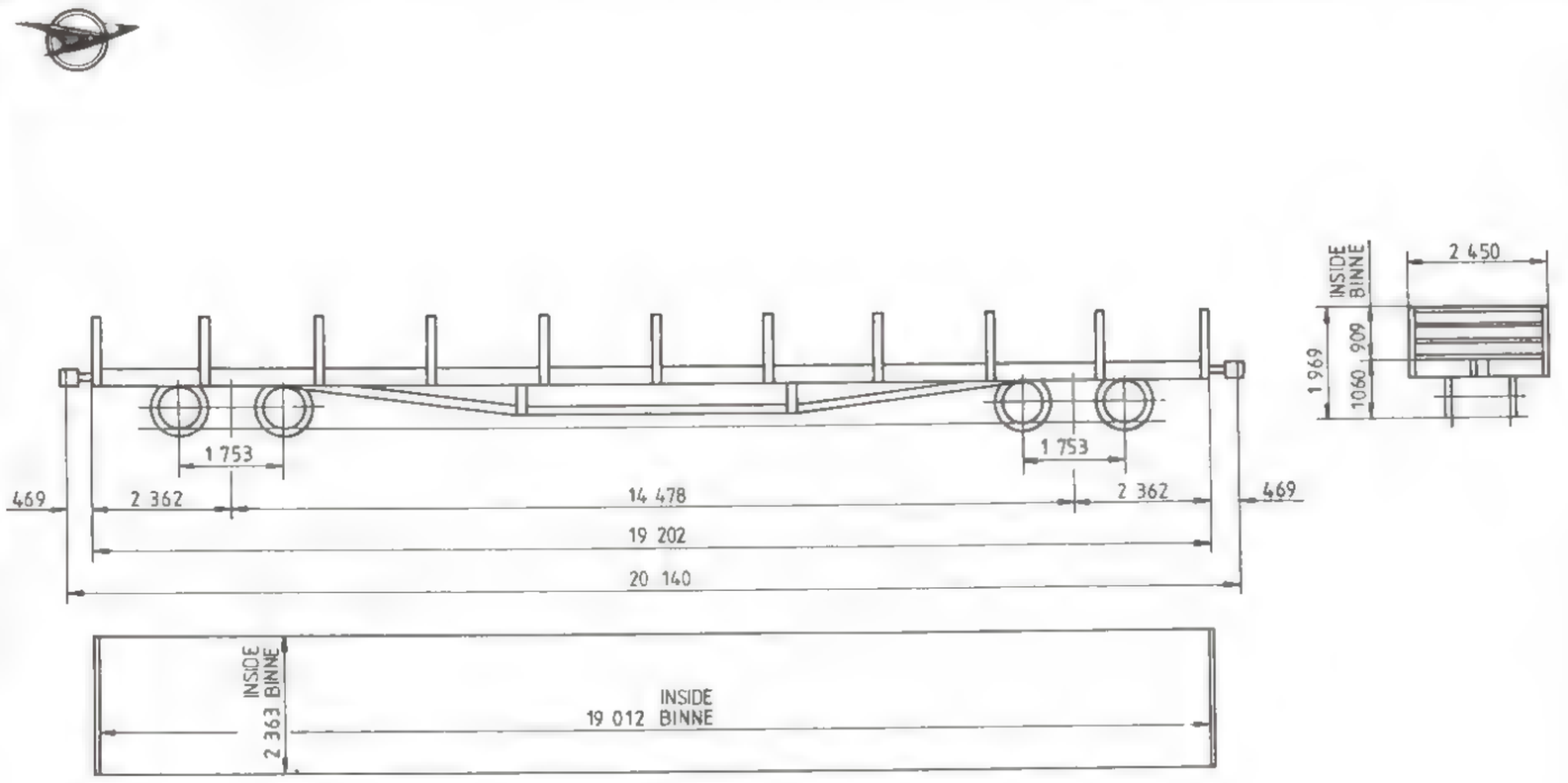
Converted from Omskep van	Date Datum

Tare (Average) kg Tarra (Gemiddeld)	21 910
Load kg Vrag	48 000
Load (Coal) kg Vrag (Steenkool)	
Floor Area m^2 Vloeroppervlakte	44,9
Capacity m^3 Inhoudsvermoë	40,8

DAJ - 6

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device — Koppelaar hidroulıese kussingınrıgting
SSC Centre sill hydraulic cushioning device — Middelbalk hidroulıese kussingınrıgting

Brake System - Remstelsel
A Dual Power - Automatic — Tweekrag - Outomaties
R Slack Adjuster — Remversteller
V Vacuum — Vakuum
L Air — Lug
D Dual Power - Manually operated — Tweekrag - Handbediening



Remarks
Opmerkings :-

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
22 - 010 017	1937
22 - 010 025	1937
22 - 010 076	1937
22 - 010 092	1937

Converted from Omskep van	Date Datum
DA-1	1979

Drawing Number Tekeningnommer	W1 / 9 500 CE No A1 / 14771		
Bogie Type Draaisteltipe	DIAMOND FRAME RUITRAAM		
Bearing Size Laergrootte	11 × 5 1/2		
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	6 / 6		
Brake System Remstelsel	V		
Brake Cylinders Remsilinders	(V) 2 / 24	(L) —	
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 50 / 65	(L) —	
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 93,6 / 29,2	(L) —	
Drawgear Equipment Trekwerkuitrusting	AAR M 901E		
Coupler / Yoke Koppelaar / Juk	SASKOP-M / SAR SAS		

Centre of Gravity (Empty) Swaartepunt (Leeg)	648
Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor	74 000
Originally designed for Oorspronklik ontwerp vir	ABNORMAL LOADS ABNORMALE VRAGTE
Converted for Omskep vir	

Revision Hersiening							
Date Datum							

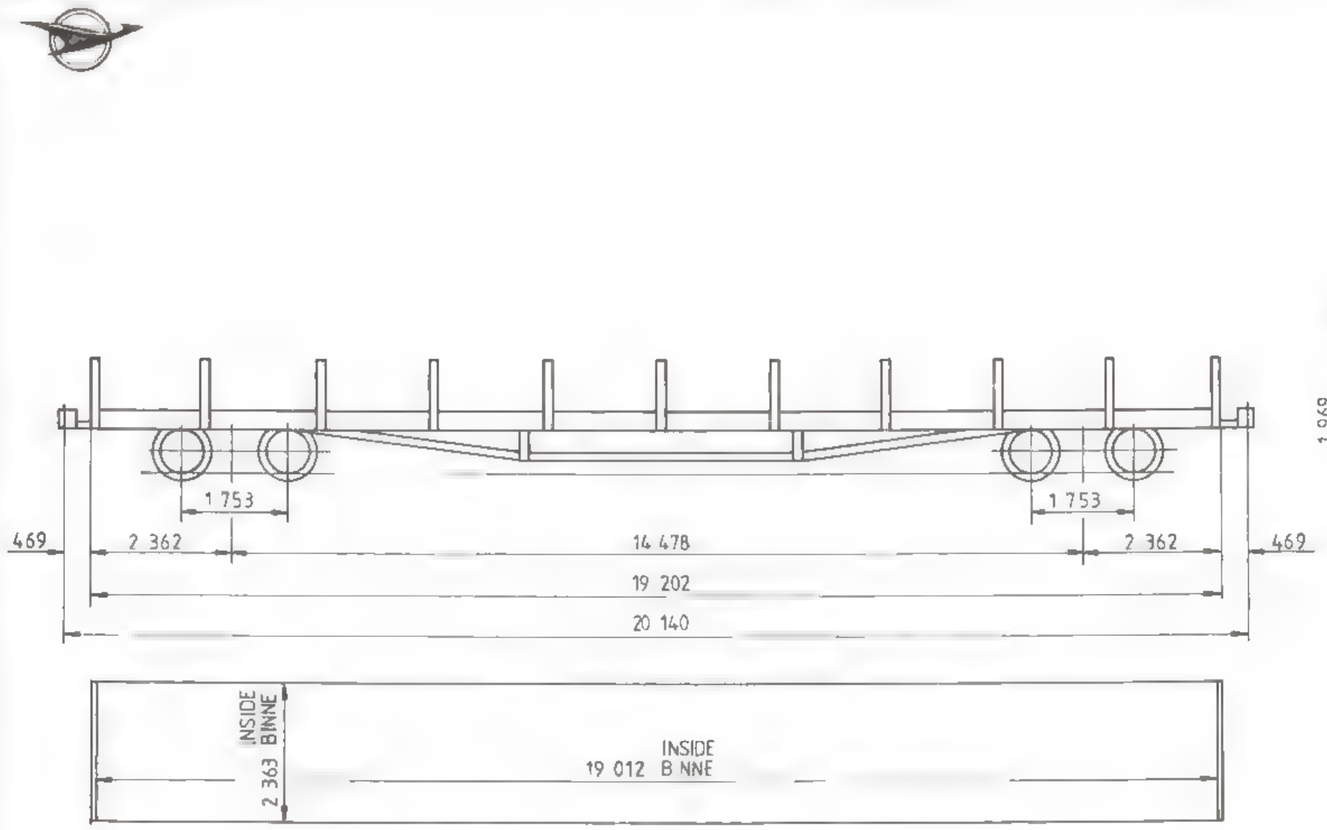
Tare (Average) kg Tarra (Gemiddeld)	21 770
Load kg Vrag	48 000
Load (Coal) kg Vrag (Steenkool)	
Floor Area m^2 Vloeroppervlakte	44,9
Capacity m^3 Inhoudsvermoe	40 8

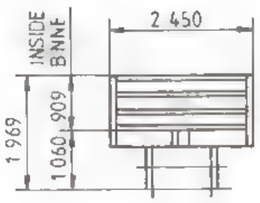
DAZ -1

98

Drawgear Equipment - Trekwerkuitrusting
K Coupler hydraulic cushioning device / Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening





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Remarks / Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
22-011 005 / 22-011 226	1949
22-011 234 / 22-011 552	1953
22-011 560 / 22-012 109	1959
22-012 117 / 22-012 656	1965

Converted from / Omskep van	Date / Datum
DA-2	1979

Drawing Number / Tekeningnommer	W1/10865	Centre of Gravity (Empty) / Swaartepunt (Leeg)	648
Bogie Type / Draaisteltipe	DIAMOND FRAME / RUITRAAM / SARCAST		
Bearing Size / Laergrootte	11 × 5½		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6 / 6		
Brake System / Remstelsel	V		
Brake Cylinders / Remsilinders	(V) 2/21 ×1, 2/24 ×2 (L) —	Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	74 000
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 ×2/50 (L) —	Originally designed for / Oorspronklik ontwerp vir	ABNORMAL LOADS / ABNORMALE VRAGTE
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 90,9/28,1 ×1, 94,7/29,3 ×2 (L) —	Converted for / Omskep vir	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	Revision / Hersiening	
Coupler / Yoke / Koppelaar / Juk	SASKOP-M / SAR SAS	Date / Datum	

Tare (Average) kg / Tarra (Gemiddeld)	21 520
Load kg / Vrag	48 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	45
Capacity m^3 / Inhoudsvermoë	40,8

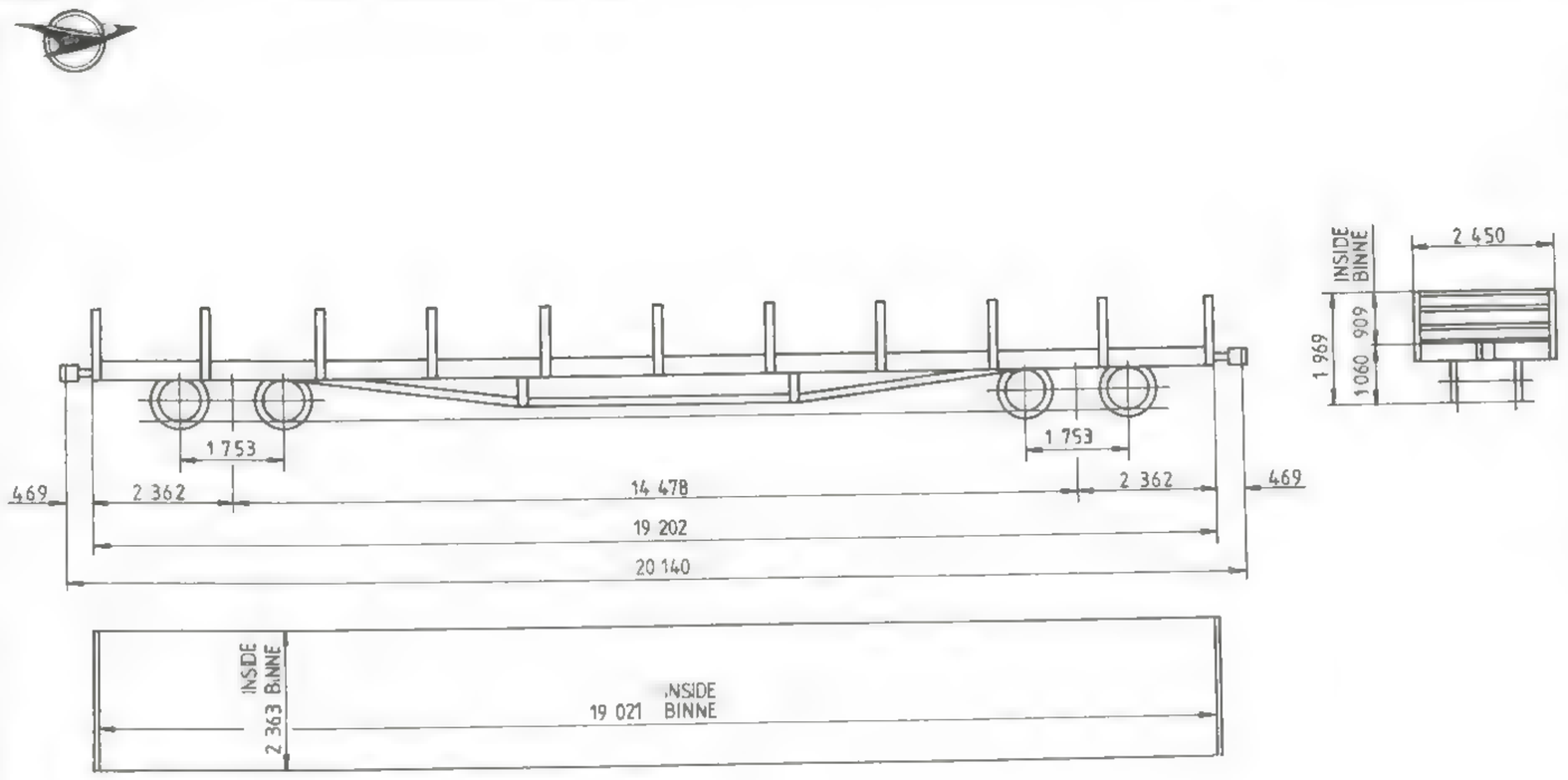
DAZ-2

99

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting



Remarks
Opmerkings :-

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
22-015 434	1974

Converted from Omskep van	Date Datum
DA-5	1979

Drawing Number Tekeningnommer	W 001 / F 013
Bogie Type Draaisteltipe	SPOORBARBER
Bearing Size Laergrootte	D
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	10 / 8
Brake System Remstelsel	V / R
Brake Cylinders Remsilinders	(V) 2 / 21 (L) —
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (L)
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 92,5 / 29,0 (L) —
Drawgear Equipment Trekwerkuitrusting	AAR M 901 E
Coupler / Yoke Koppelaar / Juk	SASKOP-M / SAR SAS

Centre of Gravity (Empty) Swaartepunt (Leeg)	648
Design Limit – Mass on Rail kg Ontwerplimiet – Massa op Spoor	74 000
Originally designed for Oorspronklik ontwerp vir	ABNORMAL LOADS ABNORMALE VRAGTE
Converted for Omskep vir	

Revision Hersiening						
Date Datum						

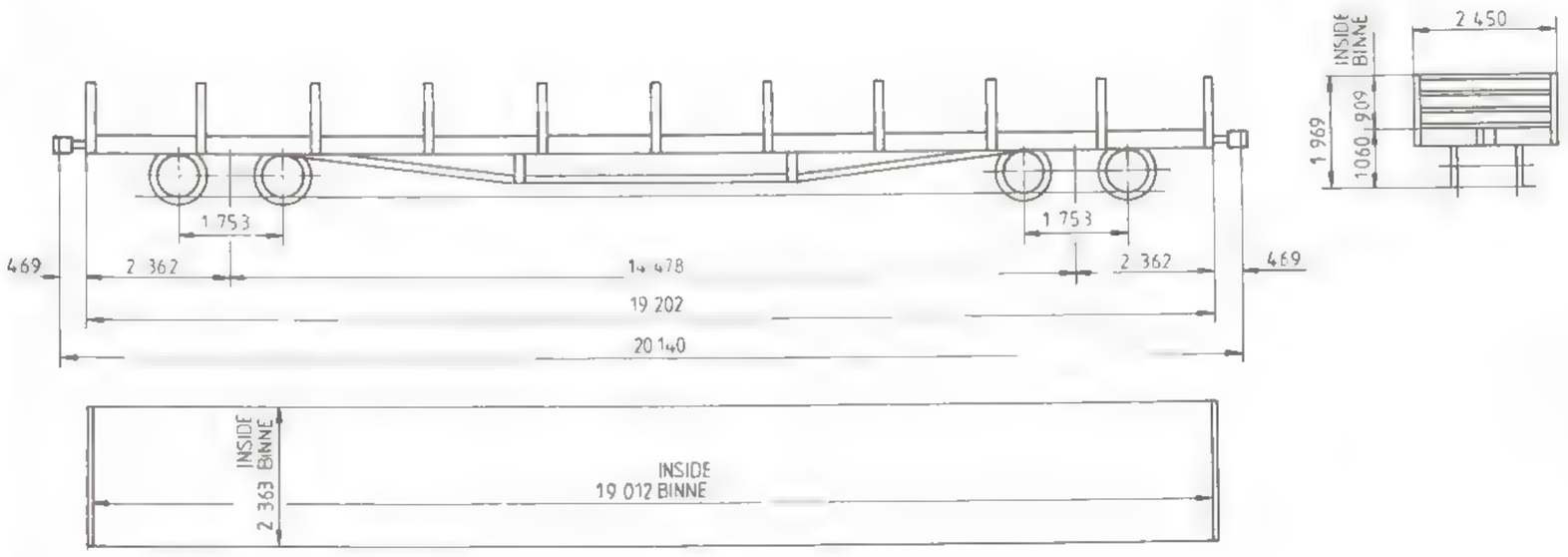
Tare (Average) kg Tarra (Gemiddeld)	21 910
Load kg Vrag	48 000
Load (Coal) kg Vrag (Steenkool)	
Floor Area m^2 Vloeroppervlakte	44,9
Capacity m^3 Inhoudsvermoe	40 8

Brake System - Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power – Manually operated / Tweekrag – Handbediening
A Dual Power-Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remversteller

DAZ-5

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingrigting



Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
22-015 647 / 22-016 740	1977

Remarks / Opmerkings :-

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remverstelle

Drawing Number / Tekeningnommer	W001 / D045	
Bogie Type / Draaisteltipe	SPOORBARBER	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 8	
Brake System / Remstelsel	V/R	
Brake Cylinders / Remsilinders	(V) 2 / 18	(L) —
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) —
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 85,7 / 269	(L) —
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP-M / SAR SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	648	
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	74 000	
Originally designed for / Oorspronklik ontwerp vir	ABNORMAL LOADS / ABNORMALE VRAGTE	
Converted for / Omskep vir		

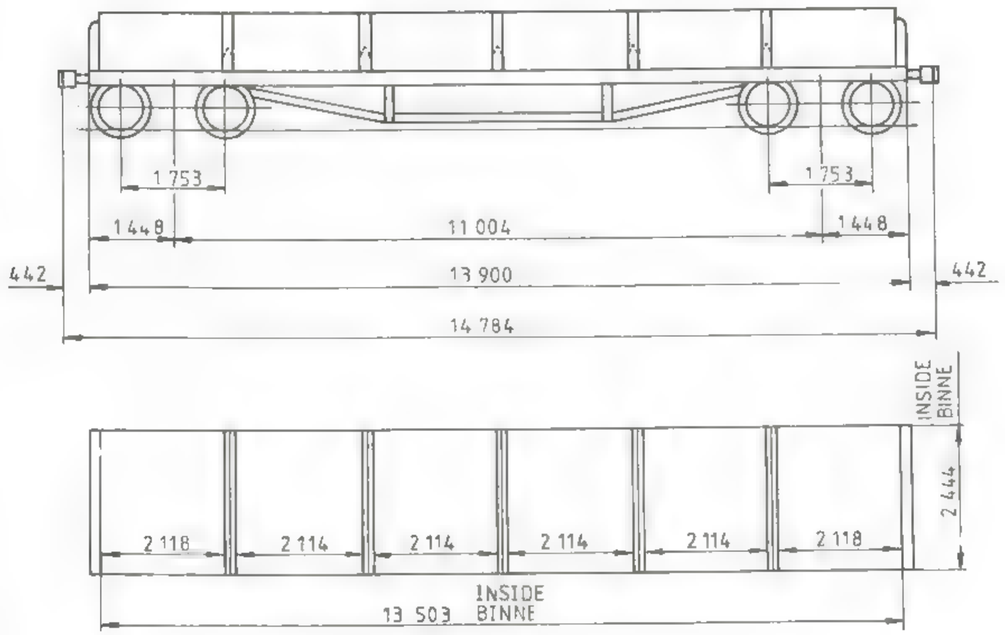
Revision / Hersiening						
Date / Datum						

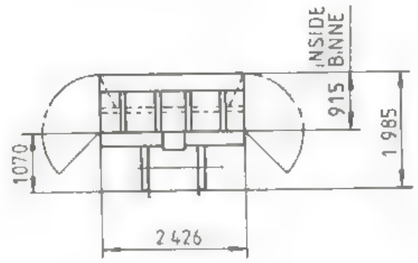
Converted from / Omskep van	Date / Datum
DA-6	1979

Tare (Average) kg / Tarra (Gemiddeld)	21 910
Load kg / Vrag	48 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	44,9
Capacity m^3 / Inhoudsvermoe	40,8

DAZ-6

101





Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinrigting

SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

Brake System - Remsteisel

A Dual Power-Automatic / Tweekrag-Outomaties
M Slack Adjuster / Remversteller

V Vacuum / Vakuum
L Air / Lug
D Dual Power-Manually operated / Tweekrag-Handbediening

Remarks / Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
51-900 009 / 51-901 218	1977-1978

Converted from / Omskep van	Date / Datum
DZ-10 (51-506 076/51-509 334)	1979 1980

Drawing Number / Tekeningnommer		CME 4862/12-000	
Bogie Type / Draaisteltipe		HS MK III	
Bearing Size / Laergrootte		D	
Springs per Bogie / Vere per Draaistel	Outer / Inner / Buite / Binne	10/10	
Brake System / Remsteisel		L/R	
Brake Cylinders / Remsilinders		(V) —	(L) 1/10×12
Train Pipe / Treinpyp Brake Pipe / Rempyp		(V) —	(L) 32
Brake Percentage / Rempersentasie	Empty / Loaded / Leeg / Met Vrag	(V) —	(L) 74,2/21,8
Drawgear Equipment / Trekwerkuitrusting		AAR M901 E	
Coupler / Yoke / Koppelaar / Juk		SASKOP-S/SAR SAS	

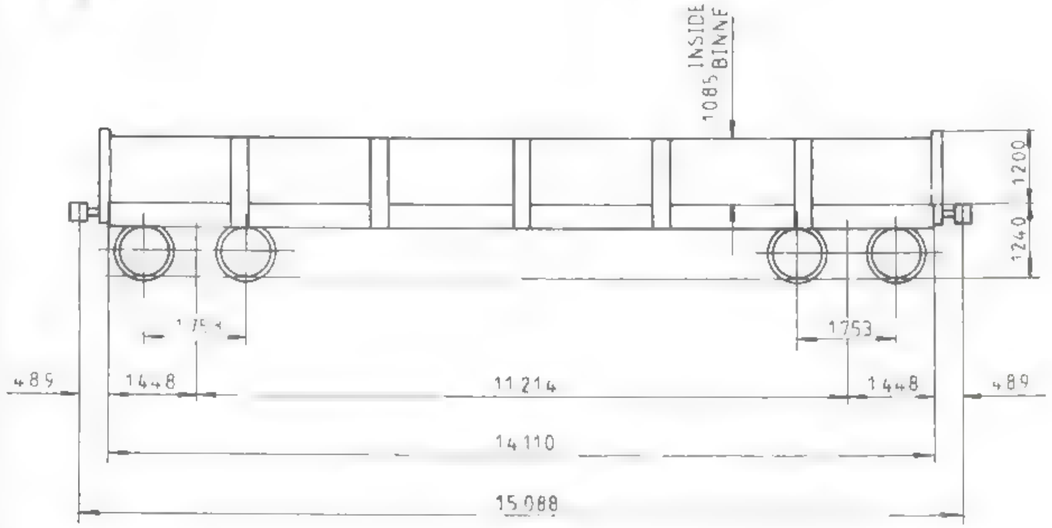
Centre of Gravity (Empty) / Swaartepunt (Leeg)	836
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS ALGEMENE GOEDERE
Converted for / Omskep vir	CONCENTRATES (LEAD, COPPER, ZINC) KONSENTRATE (LOOD, KOPER, SINK)

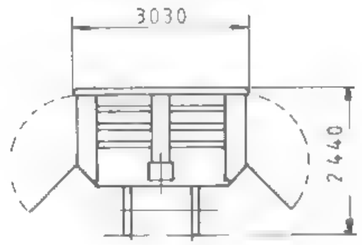
Revision / Hersiening						
Date / Datum						

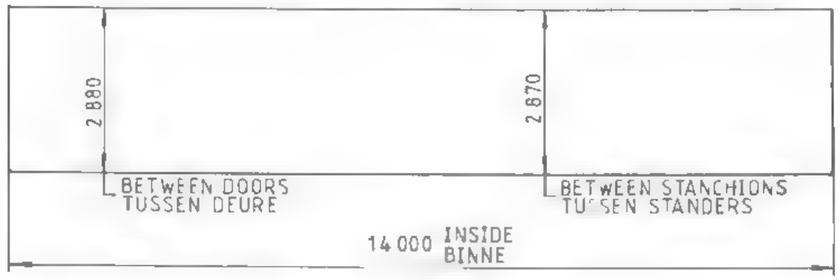
Tare (Average) kg / Tarra (Gemiddeld) kg	21 600
Load kg / Vrag kg	52 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte m^2	31
Capacity m^3 / Inhoudsvermoe m^3	29

DBL-1

102







Remarks
Opmerkings

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
55-010 008 / 55-018 785	1985 - 87

Converted from / Omskep van	Date / Datum

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussinginrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

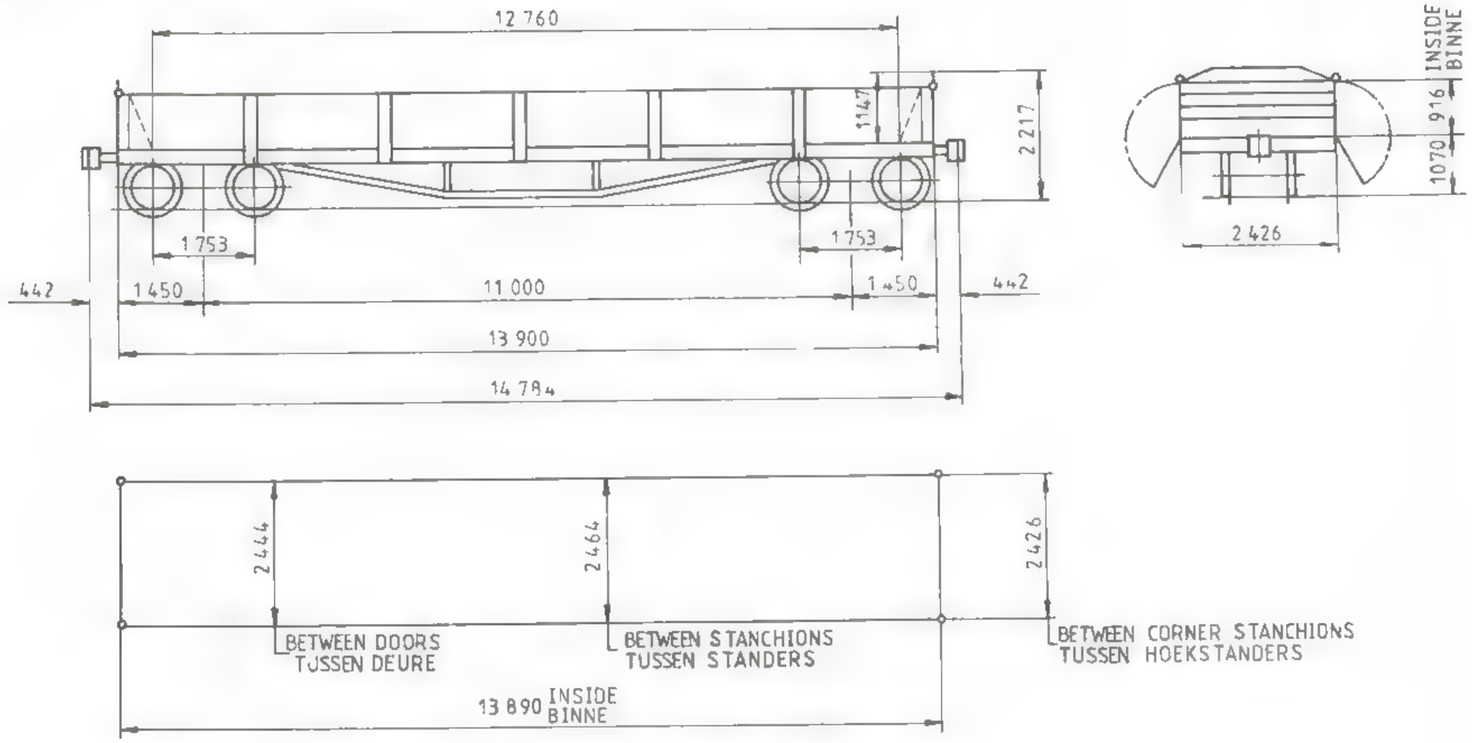
Drawing Number / Tekeningnommer		W001 / D081	
Bogie Type / Draaisteltipe		HS MK VII	
Bearing Size / Laergrootte		D	
Springs per Bogie / Vere per Draaistel	Outer / Buite / Inner / Binne	10/10	
Brake System / Remstelsel		L/V/R	
Brake Cylinders / Remsilinders		(V) 2/21	(L) 1/10 x 12
Train Pipe / Treinpyp / Brake Pipe / Rempyp		(V) 65	(L) 32
Brake Percentage / Rempersentasie	Empty / Loaded / Leeg / Met Vrag	(V) 76,6 / 22,01	(L) 69,7 / 20,04
Drawgear Equipment / Trekwerkuitrusting		AAR M901 E	
Coupler / Yoke / Koppelaar / Juk		E/E	

Centre of Gravity (Empty) / Swaartepunt (Leeg)					875		
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor					80 000		
Originally designed for / Oorspronklik ontwerp vir					GENERAL GOODS / ALGEMENE GOEDERE		
Converted for / Omskep vir							
Revision / Hersiening							
Date / Datum							

Tare (Average) kg / Tarra (Gemiddeld) kg	23 000
Load kg / Vrag kg	57 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	40,2
Capacity m^3 / Inhoudsvermoë m^3	43,6

DGLJ-1

103



Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomat es
R Slack Adjuster / Remversteller

Remarks / Opmerkings :- *1 IN SERIES / IN REEKS 51-440 024 / 51-462 044

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
26-440 024 / 26-462 044	1974 - 75

Converted from / Omskep van	Date / Datum
DZ-11 *1	1978

Drawing Number / Tekeningnommer		W001/D025	
Bogie Type / Draaisteltipe		SPOORBARBER	
Bearing Size / Laergrootte		D	
Springs per Bogie / Vere per Draaistel	Outer / Inner / Buite / Binne	10/10	
Brake System / Remstelsel		V/R	
Brake Cylinders / Remsilinders		(V) 2/18	(L) —
Train Pipe / Treinpyp / Brake Pipe / Rempyp		(V) 65	(L) —
Brake Percentage / Rempersentasie	Empty / Loaded / Leeg / Met Vrag	(V) 87,7 / 23,6	(L) —
Drawgear Equipment / Trekwerkuitrusting		AAR M901 E	
Coupler / Yoke / Koppelaar / Juk		SASKOP-S / SAR / SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	800
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE
Converted for / Omskep vir	

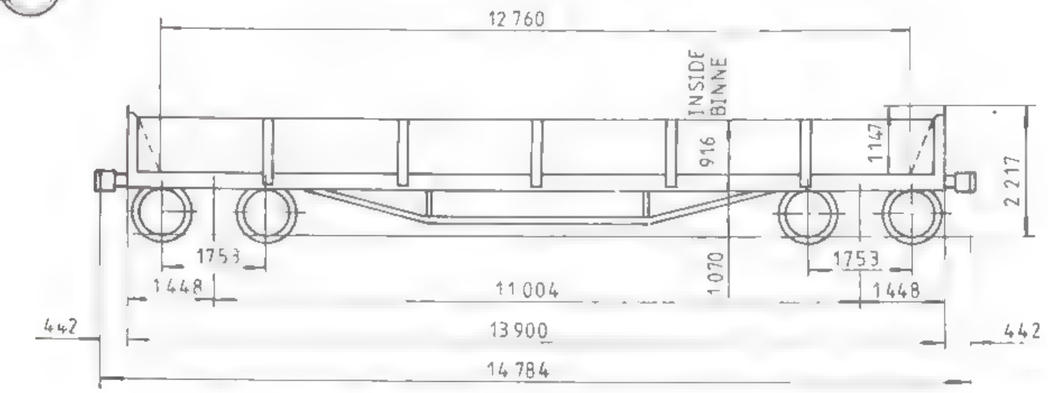
Revision / Hersiening							
Date / Datum							

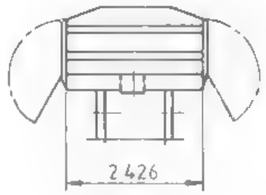
Tare (Average) kg / Tarra (Gemiddeld)	19 900
Load kg / Vrag	54 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	34
Capacity m^3 / Inhoudsvermoe	31

DJ-1

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening





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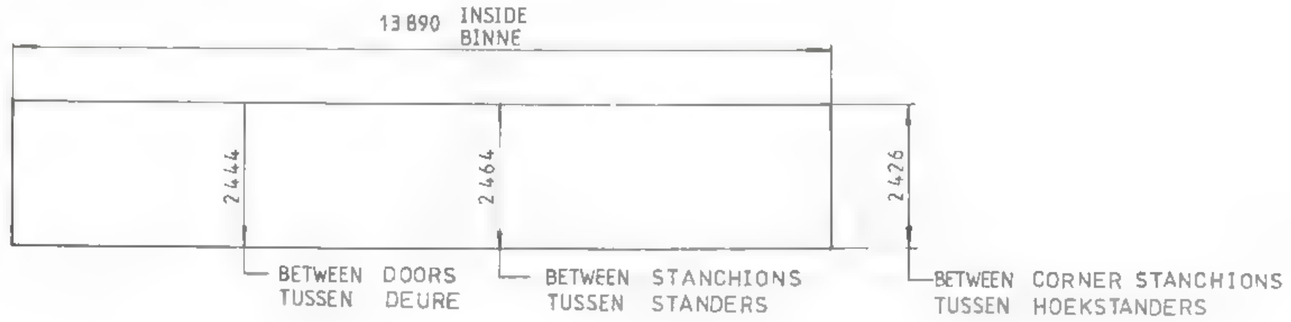


Remarks / Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
26-440 008/26-440 016	1973
26-462 052/26-479 133	1974-75
26-479 621/26-490 633	1975-76
26-490 641/26-500 523	1975-76
26-500 531/26-505 762	1976-77
26-505 770/26-509 334	1977-78
26-511 541/26-519 232	1975-76
26-519 240/26-536 838	1976-77
26-538 482/26-540 339	1977-78
26-548 380/26-548 771	1977-78
26-549 581	1975-76
26-549 603	1976-77

Converted from / Omskep van	Date / Datum
DZ-10, DZA-10	1979

Drawing Number / Tekeningnommer	CME 164/12-A21		
Bogie Type / Draaisteltipe	SPOORBARBER HS Mk III X 1		
Bearing Size / Laergrootte	D		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10		
Brake System / Remstelsel	V/R (AAR)		
Brake Cylinders / Remsilinders	(V) 2/18	(L)	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 86,33/23,57	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP - S	SAR / SAS	

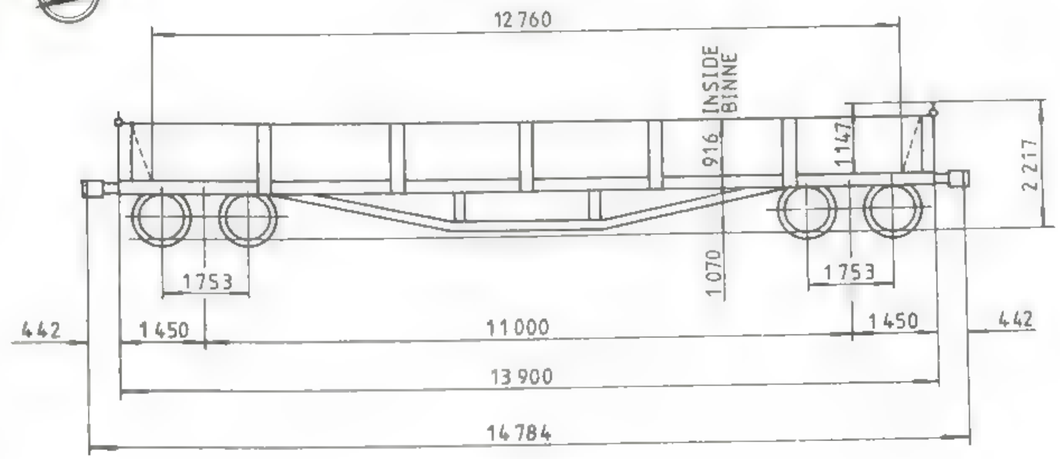
Centre of Gravity (Empty) / Swaartepunt (Leeg)	800
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE
Converted for / Omskep vir	

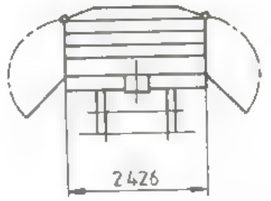
Revision / Hersiening						
Date / Datum						

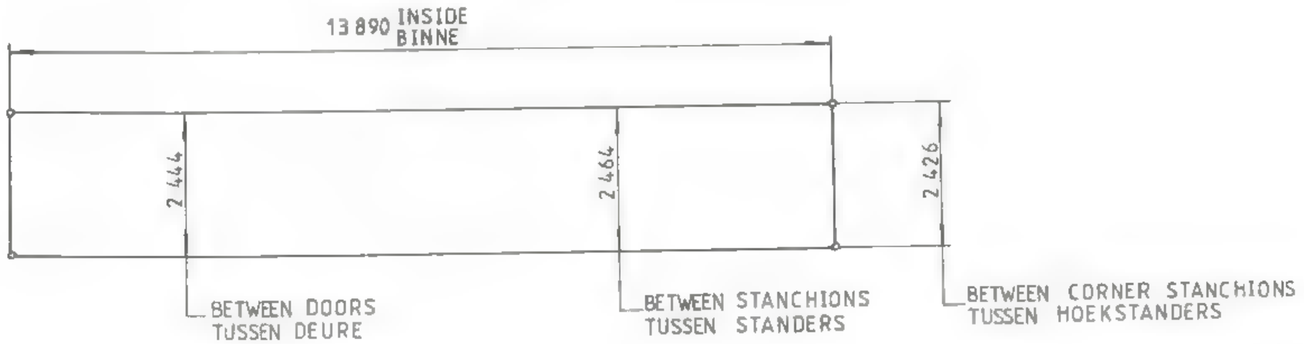
Tare (Average) kg / Tarra (Gemiddeld) kg	20 280
Load kg / Vrag kg	54 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	34
Capacity m^3 / Inhoudsvermoë m^3	31

DJ-2

105







Remarks :-
Opmerkings

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
26-793 008 / 26-794 292	1975

Converted from / Omskep van	Date / Datum
DZA-12	1981

Drawing Number / Tekeningnommer	W001/D025
Bogie Type / Draaisteltipe	SPOORBARBER
Bearing Size / Laergrootte	D
Springs per Bogie (Outer / Inner) / Vere per Draaistel (Buite / Binne)	10/10
Brake System / Remstelsel	V/R
Brake Cylinders / Remsilinders	(V) 2/18 (L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (L)
Brake Percentage (Empty / Loaded) / Rempersentasie (Leeg / Met Vrag)	(V) 87,7/23,6 (L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS

Centre of Gravity (Empty) / Swaartepunt (Leeg)	800
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74000
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS ALGEMENE GOEDERE
Converted for / Omskep vir	

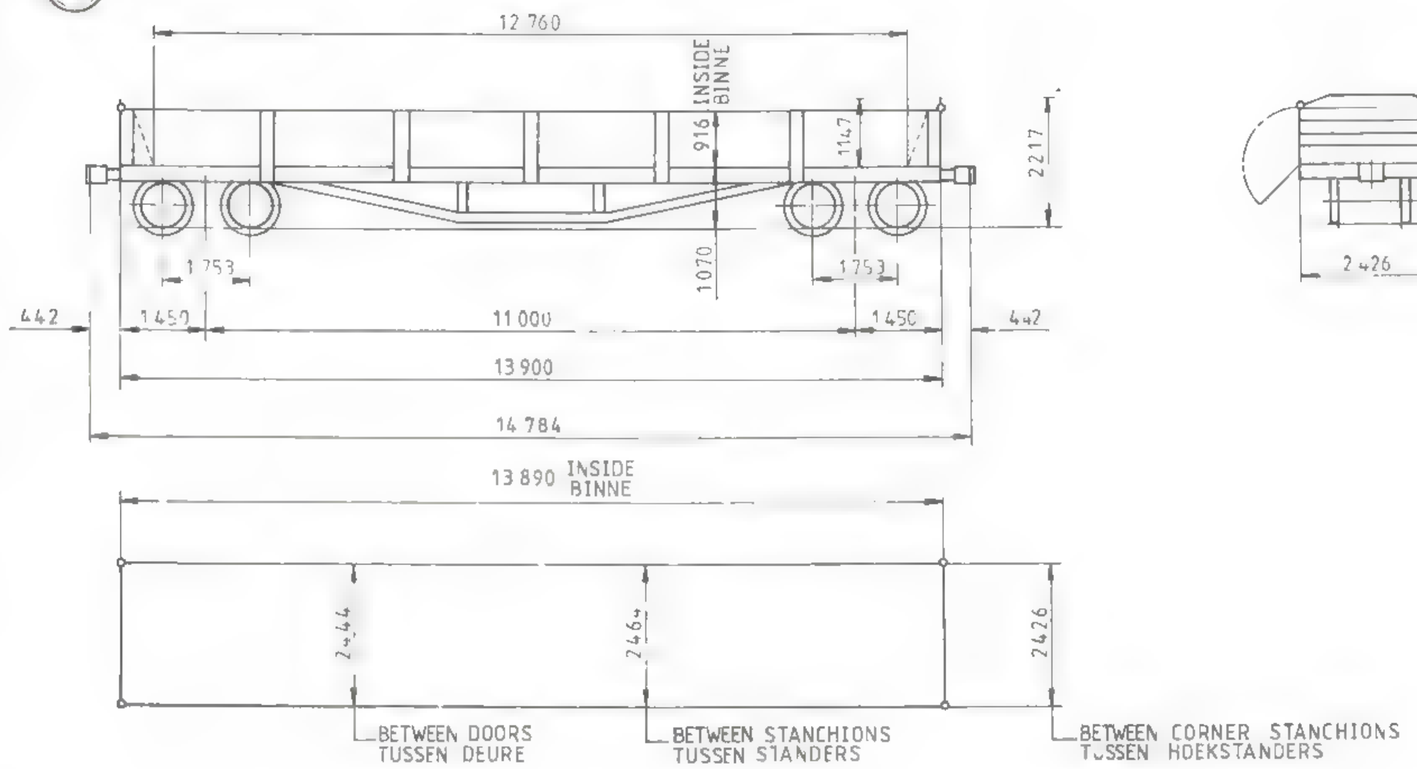
Revision / Hersiening						
Date / Datum						

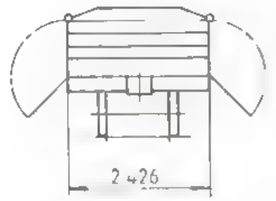
Tare (Average) kg / Tarra (Gemiddeld)	19 900
Load kg / Vrag	54 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	34
Capacity m^3 / Inhoudsvermoe	3*

DJ-3

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller





*1
*2

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussinginrigting

Brake System - Remstelsel
A Dual Power-Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power-Manually operated / Tweekrag-Handbediening

Remarks / Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
26-972 808 / 26-994 534	1974 - 1975
26-994 542 / 26-996 170	1975

Converted from / Omskep van	Date / Datum
*1 DZ - 11	1984
*2 DZ - 12, DZA - 12, DJ - 3	1984

Drawing Number / Tekeningnommer	W001/D025		Centre of Gravity (Empty) / Swaartepunt (Leeg)	800	
Bogie Type / Draaisteltipe	SPOORBARBER				
Bearing Size / Laergrootte	D				
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10				
Brake System / Remstelsel	L/V/R				
Brake Cylinders / Remsilinders	(V) 2/18	(L) 1/10×12	Design Limit-Mass on Rail kg / Ontwerplimiet-Massa op Spoor	74 000	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) 32	Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 87,7 / 23,62	(L) 72,6 / 19,5	Converted for / Omskep vir		
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Hersiening		
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS		Date / Datum		

Tare (Average) kg / Tarra (Gemiddeld) kg	19 900
Load / Vrag kg	54 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area / Vloeroppervlakte m^2	34
Capacity / Inhoudsvermoë m^3	31

DLJ-1

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussingrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel

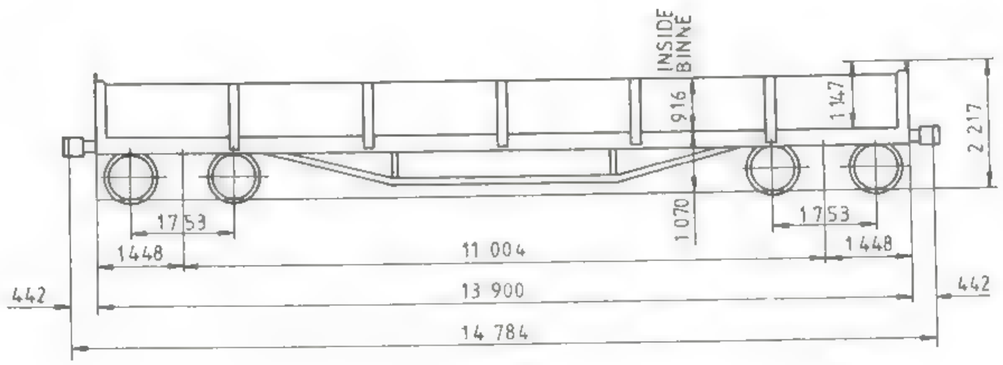
A Dual Power - Automatic
Tweekrag - Outomaties

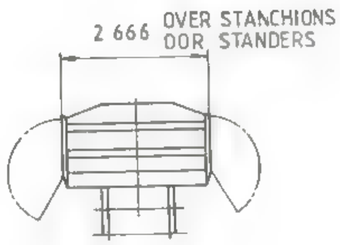
R Slack Adjuster
Remversteller

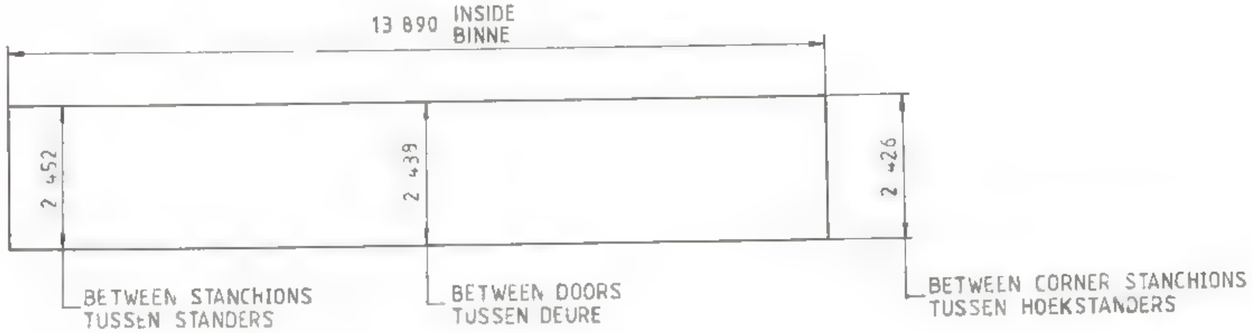
V Vacuum
Vakuum

L Air
Lug

D Dual Power - Manually operated
Tweekrag - Handbediening







Remarks :-
Opmerkings

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
26-900 009 / 26-900 548 26-900 556 / 26-903 849	1973 - 74 1973 - 78

Converted from / Omskep van	Date / Datum
DZ - 10	1977 - 78

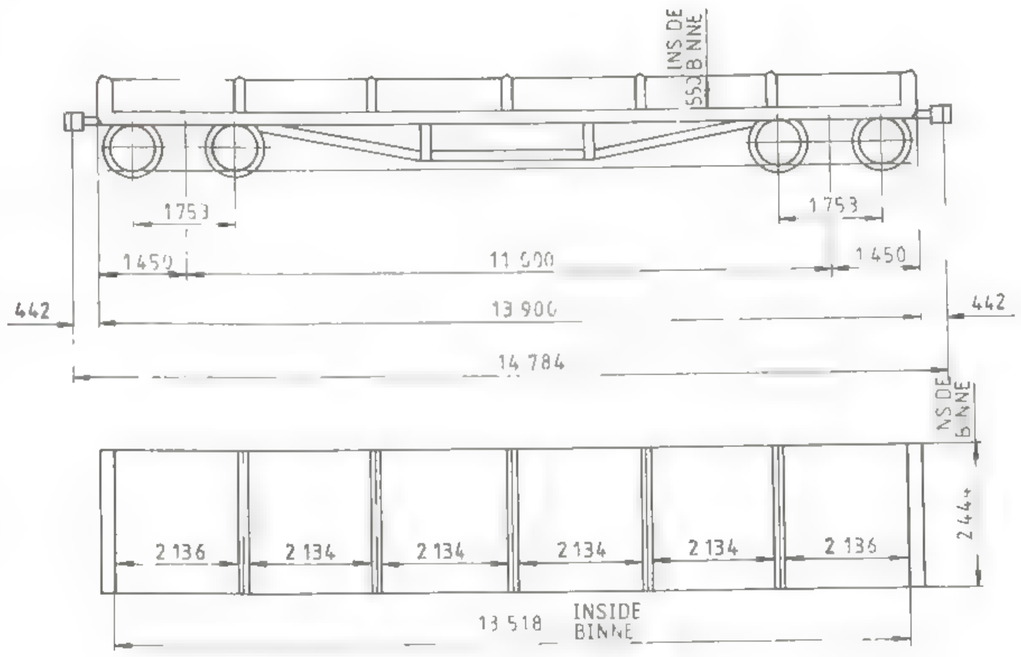
Drawing Number / Tekeningnommer		CME 164/12-A21	
Bogie Type / Draaisteltipe		HS MK III	
Bearing Size / Laergrootte		D	
Springs per Bogie / Vere per Draaistel	Outer / Inner Buite / Binne	10/10	
Brake System / Remstelsel		V/L/R	
Brake Cylinders / Remsilinders		(V) 2/18	(L) 1/10×12
Train Pipe / Treinpyp Brake Pipe / Rempyp		(V) 65	(L) 32
Brake Percentage / Rempersentasie	Empty / Loaded Leeg / Met Vrag	(V) 82,53/22,53	(L) 75 / 20,5
Drawgear Equipment / Trekwerkuitrusting		AAR M 901 E	
Coupler / Yoke / Koppelaar / Juk		SASKOP-S	SAR / SAS

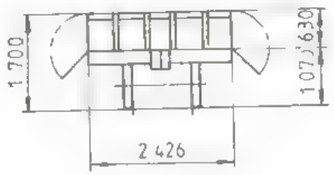
Centre of Gravity (Empty) / Swaartepunt (Leeg)	800
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS ALGEMENE GOEDERE
Converted for / Omskep vir	EXPRESS TRAFFIC SNELVERKEER

Revision / Hersiening						
Date / Datum						

Tare (Average) kg / Tarra (Gemiddeld)	20 280
Load kg / Vrag	54 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	33,7
Capacity m^3 / Inhoudsvermoe	90,87

DLJ-2





Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussingrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel

A Dual Power-Automatic
Tweekrag-Outomaties
R Slack Adjuster
Remversteller

V Vacuum
Vakuum
L Air
Lug
D Dual Power - Manually operated
Tweekrag - Handbediening

Remarks
Opmerkings :-

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
51-990 016/51-990 121	1974 - 75

Converted from Omskep van	Date Datum
DZ 11	1979 - 1980

Drawing Number Tekeningnommer	CME 223/12-C99
Bogie Type Draaisteltipe	SPOORBARBER
Bearing Size Laergrootte	D
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	10/10
Brake System Remstelsel	V/R
Brake Cylinders Remsilinders	(V) 2/18 (L) –
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (L) –
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 8 7/23 9 (L)
Drawgear Equipment Trekwerkuitrusting	AAR M901 E
Coupler / Yoke Koppelaar / Juk	SASKOP-S/ SAR SAS

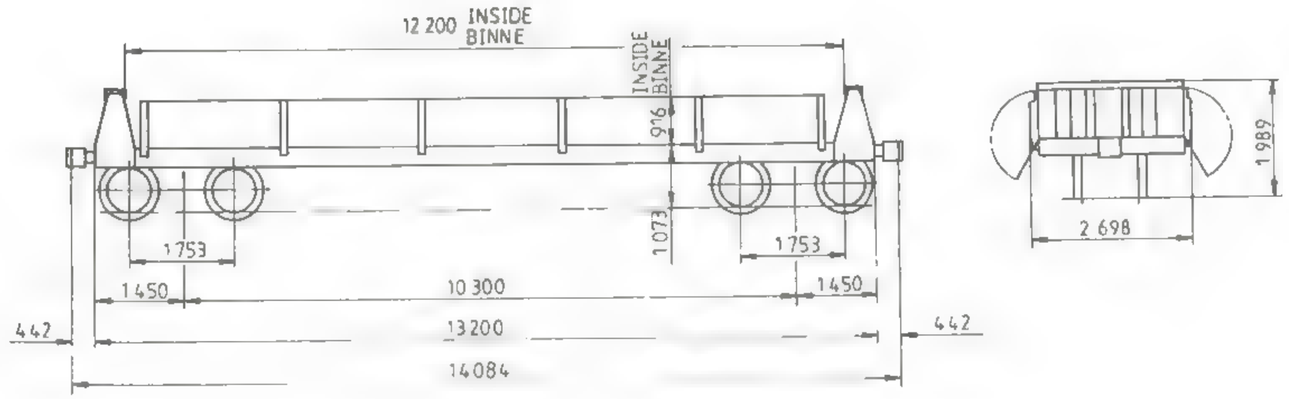
Centre of Gravity (Empty) Swaartepunt (Leeg)	797
Design Limit – Mass on Rail kg Ontwerplimiet – Massa op Spoor	74 000
Originally designed for Oorspronklik ontwerp vir	GENERAL GOODS ALGEMENE GOEDERE
Converted for Omskep vir	PIG IRON RUWYSTER

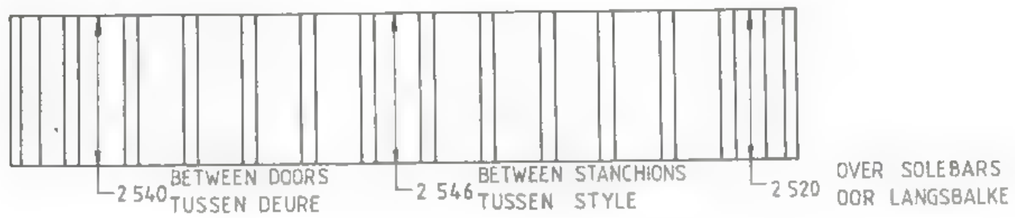
Revision Hersiening						
Date Datum						

Tare (Average) kg Tarra (Gemiddeld)	19 900
Load kg Vrag	53 000
Load (Coal) kg Vrag (Steenkool)	
Floor Area m^2 Vloeroppervlakte	33
Capacity m^3 Inhoudsvermoe	182

DPJ-2

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingrigting





Remarks :- HEIGHT OF FLOOR CROSS BEARERS 266
Opmerkings HOOGTE VAN VLOERDWARSDRAERS

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
24-500 003 / 24-504 394	1974

Converted from / Omskep van	Date / Datum
DSO - 1	1983

Brake System - Remstelsel
V Vacuum / Vakuum
A Air / Lug
L Dual Power - Manually operated / Tweekrag - Handbediening
D Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Drawing Number / Tekeningnommer		W001/D023	
Bogie Type / Draaisteltipe		SPOORBARBER	
Bearing Size / Laergrootte		D	
Springs per Bogie / Vere per Draaistel	Outer / Inner / Buite / Binne	10/10	
Brake System / Remstelsel		V/R	
Brake Cylinders / Remsilinders		(V) 1/21	(L) —
Train Pipe / Treinpyp / Brake Pipe / Rempyp		(V) 65	(L) —
Brake Percentage / Rempersentasie	Empty / Loaded / Leeg / Met Vrag	(V) 71,8 / 22,2	(L) —
Drawgear Equipment / Trekwerkuitrusting		AAR M901 E	
Coupler / Yoke / Koppelaar / Juk		SASKOP-S / SAR / SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	840
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	STEEL / STAAL
Converted for / Omskep vir	

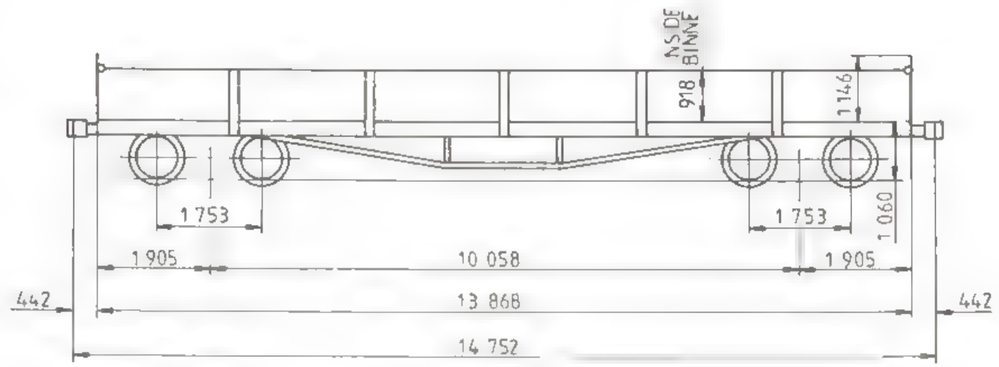
Revision / Hersiening						
Date / Datum						

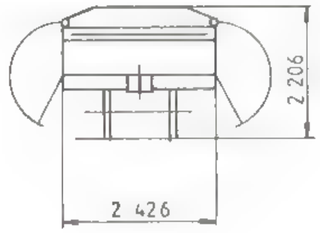
Tare (Average) kg / Tarra (Gemiddeld)	22 350
Load kg / Vrag	50 000
Load (Coa) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	30,7
Capacity m^3 / Inhoudsvermoe	

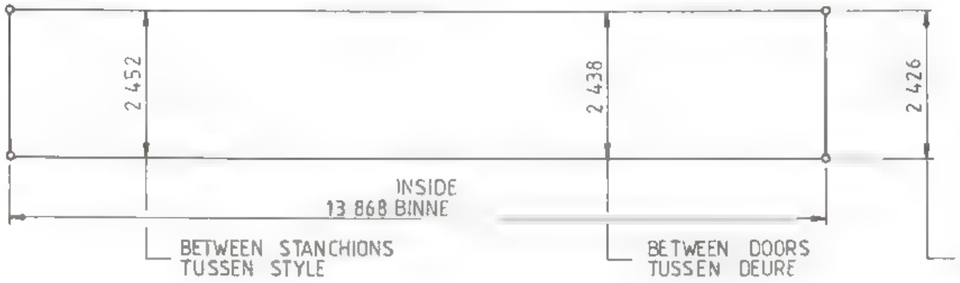
DSJ-1

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller







Remarks / Opmerkings :-

Drawing Number / Tekeningnommer	W1/9385 CE Nº A1/14568 CE Nº A1/14588	
Bogie Type / Draaisteltipe	DIAMOND FRAME RUITRAAM	
Bearing Size / Laergrootte	10 x 5	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6/0	
Brake System / Remstelsel	V	
Brake Cylinders / Remsilinders	(V) 2/21	(L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65(50)	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 77,67 / 24,2	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS ALGEMENE GOEDERE
Converted for / Omskep vir	

Revision / Hersiening							
Date / Datum							

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
51-011 018 / 51-011 824	1935 - 36

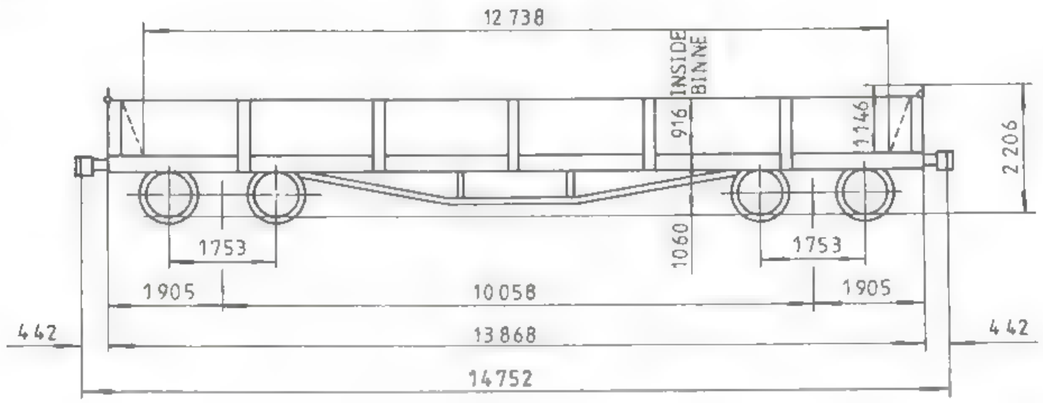
Converted from / Omskep van	Date / Datum

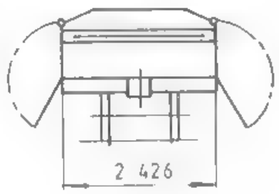
Tare (Average) kg / Tarra (Gemiddeld) kg	19 910
Load kg / Vrag kg	44 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	33 8
Capacity m^3 / Inhoudsvermoë m^3	31

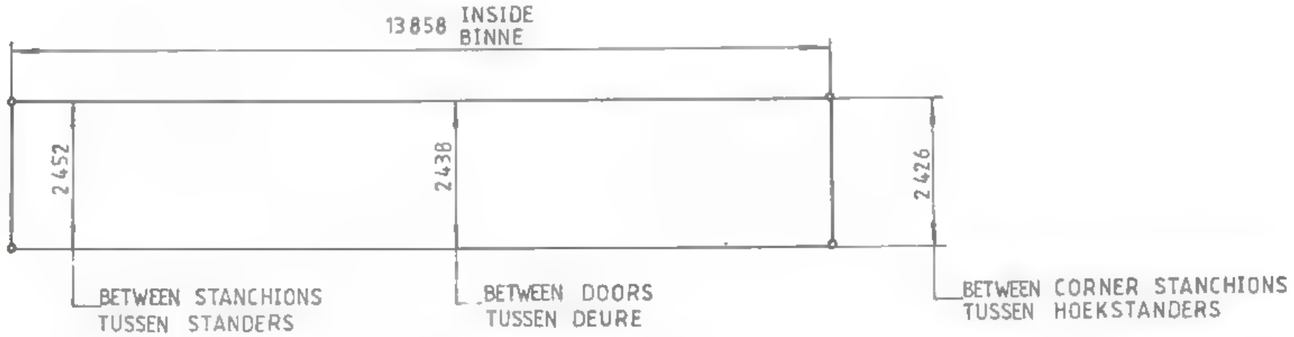
DZ-6

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller







Remarks / Opmerkings :-
W1/ 10445
*1 C.E. No. A/14697
C.E. No. A/14711
C.E. No. A/15458

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
51-012 006 / 51-013 592	1936
51-013 606 / 51-017 075	1936
51-017 083 / 51-076 489	1940-53
51-076 497 / 51-183 927	1948-57
51-183 935 / 51-238 667	1957-63
51-238 675 / 51-260 603	1963
51 260 611 / 51-283 433	1963-64
51 283 441 / 51-283 530	1959-65
51-283 549 / 51-294 524	1964-65
51-294 532 / 51-332 604	1965-66
51-332 612 / 51-342 499	1966-67
51-342 502 / 51-349 108	1967-68
51-349 116 / 51-351 277	1967-68
51-351 285 / 51-372 983	1966-67
51-372 991	1944
51-373 009 / 51-373 092	1936-63
51-373 106 / 51-373 998	1943-67
51-420 007 / 51-439 999	1936-67
51-548 801 / 51-549 565	1959-60
51-548 380 51-548 771	1936-67
51-548 798	1967
51-549 611	1963
51-549 638, 51-549 646	1948
51-549 654, 51-549 662	1948
51-549 670	1966
51-549 689, 51-549 697	1940
51-549 700	1957
51-550 008 / 51-551 799	1936-68

Drawing Number / Tekeningnommer	CME 102/12-B34 *1
Bogie Type / Draaisteltipe	DIAMOND FRAME / RUITRAAM / SARCAST
Bearing Size / Laergrootte	10 × 5
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6/0
Brake System / Remstelsel	V
Brake Cylinders / Remsilinders	(V) 2/21 (L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 89,5/27,33 (L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS

Centre of Gravity (Empty) / Swaartepunt (Leeg)	764
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	60 000
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

Converted from / Omskep van	Date / Datum

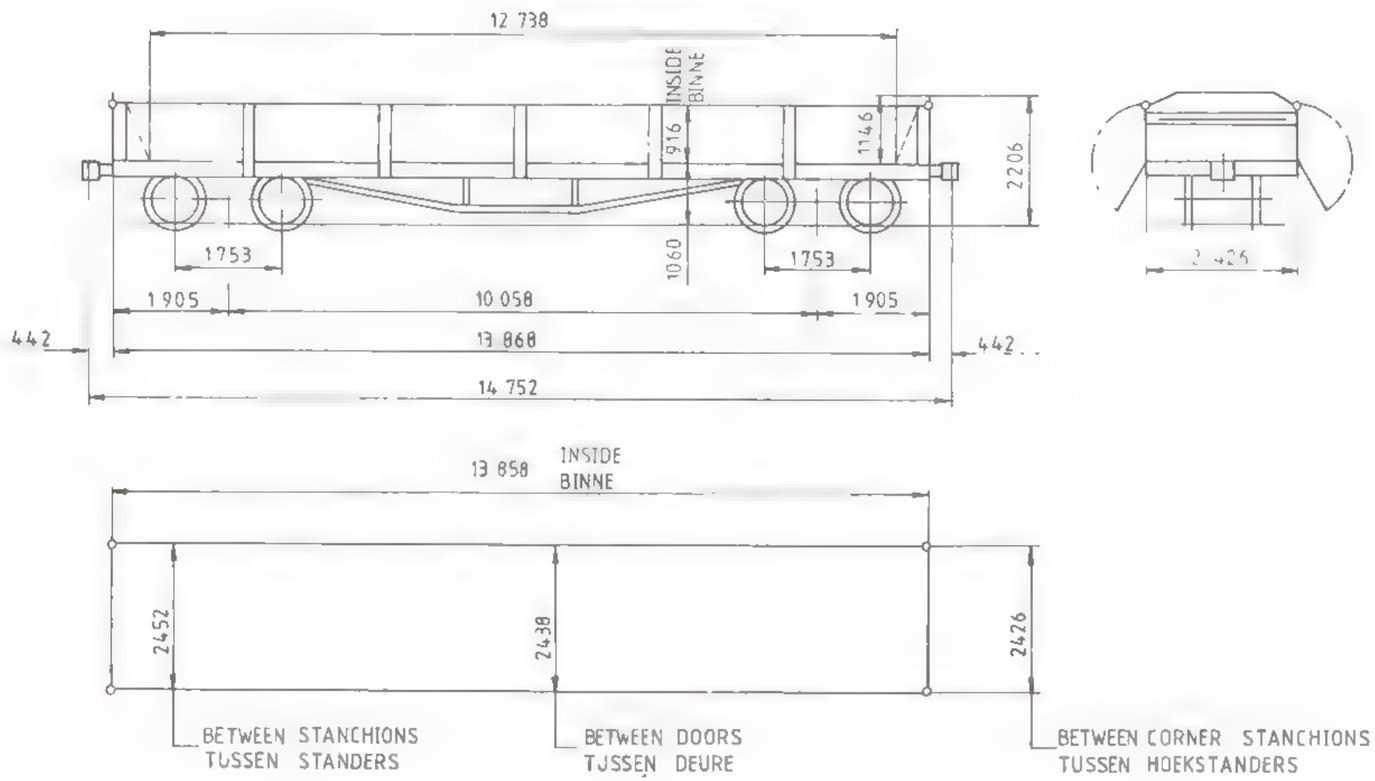
Tare (Average) kg / Tarra (Gemiddeld) kg	19 350
Load kg / Vrag kg	44 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	34
Capacity m^3 / Inhoudsvermoe m^3	31

DZ-7

112

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller



Remarks / Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
51-374 005/51-379 538	1971
51-379 546/51-385 066	1971

Converted from / Omskep van	Date / Datum

Drawing Number / Tekeningnommer	CME 102/12-834		
Bogie Type / Draaisteltipe	SPOORBARBER		
Bearing Size / Laergrootte	C		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/2		
Brake System / Remstelsel	V		
Brake Cylinders / Remsilinders	(V) 2/21	(L)	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 87,44/27,14	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR SAS		

Centre of Gravity (Empty) / Swaartepunt (Leeg)	749
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	60 000
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

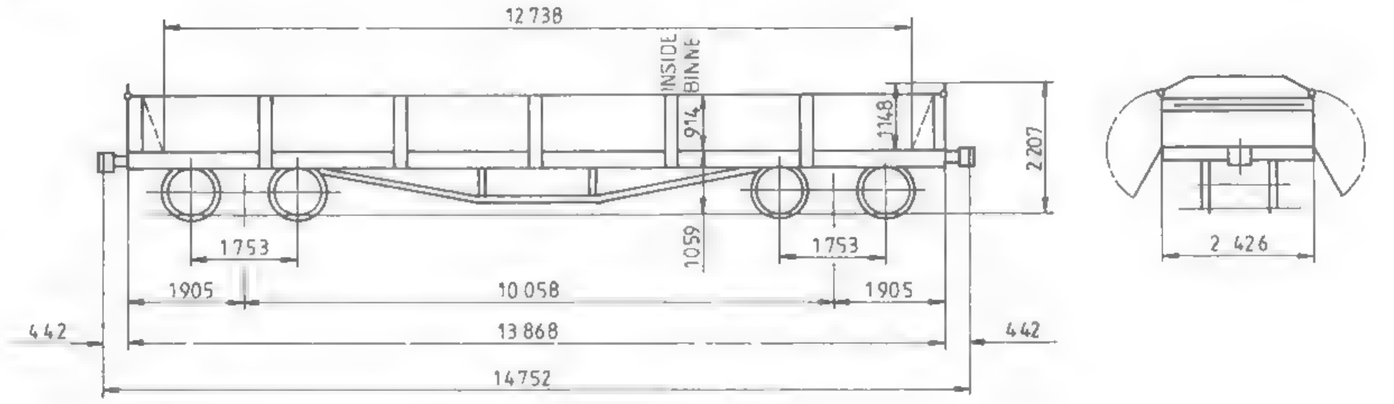
Tare (Average) kg / Tarra (Gemiddeld) kg	19 800
Load kg / Vrag kg	44 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	33,8
Capacity m^3 / Inhoudsvermoë m^3	31

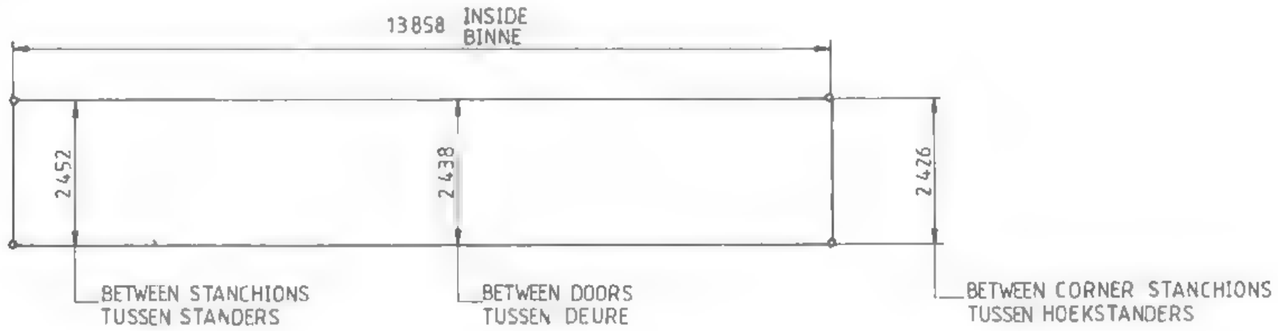
DZ - 8

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting





Remarks / Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
51-385 074 / 51-417 774	1972 - 74

Converted from / Omskep van	Date / Datum

Brake System - Remstelsel

V Vacuum / Vakuum

L Air / Lug

D Dual Power - Manually operated / Tweekrag - Handbediening

A Dual Power - Automatic / Tweekrag - Outomaties

■ Slack Adjuster / Remversteller

Drawing Number / Tekeningnommer	W001/D020	
Bogie Type / Draaisteltipe	SPOORBARBER	
Bearing Size / Laergrootte	C	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/2	
Brake System / Remstelsel	V/R	
Brake Cylinders / Remsilinders	(V) 2/21	(L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 64,7 / 20,05	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS	

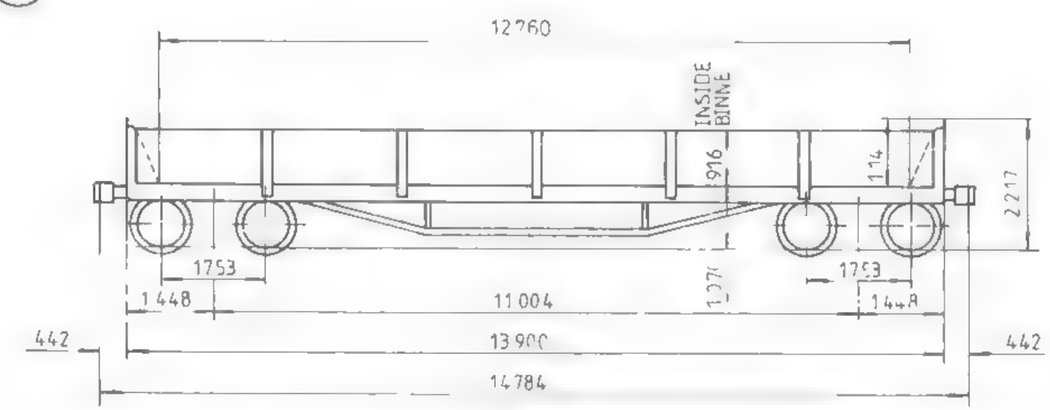
Centre of Gravity (Empty) / Swaartepunt (Leeg)	744
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	60 000
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE
Converted for / Omskep vir	

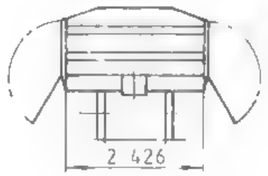
Revision / Hersiening						
Date / Datum						

Tare (Average) kg / Tarra (Gemiddeld)	19820
Load kg / Vrag	44000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	33,8
Capacity m^3 / Inhoudsvermoë	30,9

DZ-9

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingnrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingnrigting





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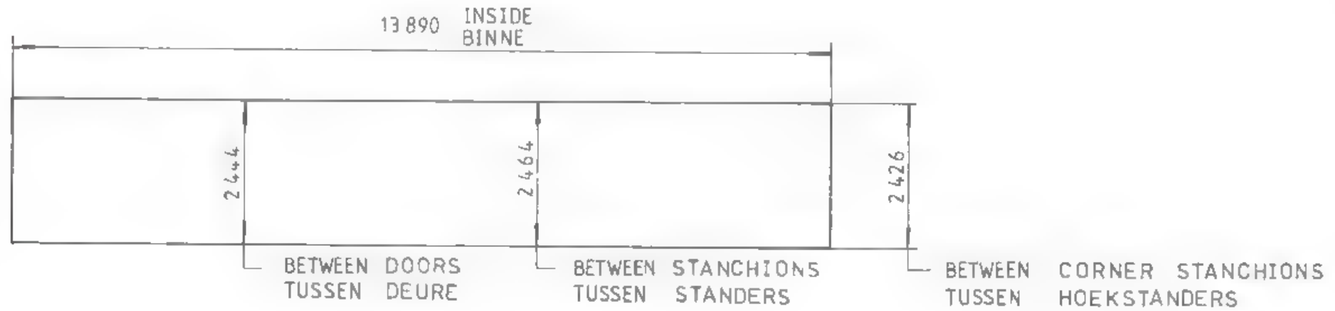


Remarks / Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
51-440 008/51-440 016	1973
51-462 052/51-479 133	1974-75
51-479 621/51-490 633	1975-76
51-490 641/51-500 523	1975-76
51-500 531/51-505 762	1976-77
51-505 770/51-509 334	1977-78
51-511 541/51-519 232	1975-76
51-519 240/51-536 838	1976-77
51-538 482/51-540 339	1977-78

Converted from / Omskep van	Date / Datum

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
■ Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

Drawing Number / Tekeningnommer	CME 164/12-A21	
Bogie Type / Draaisteltipe	SPOORBARBER HS Mk III X*1	
Bearing Size / Laergrootte	▯	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10 10/4 X*1	
Brake System / Remstelsel	V/R	
Brake Cylinders / Remsilinders	(V) 2/18	(L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 79,57/25,1	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	800
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

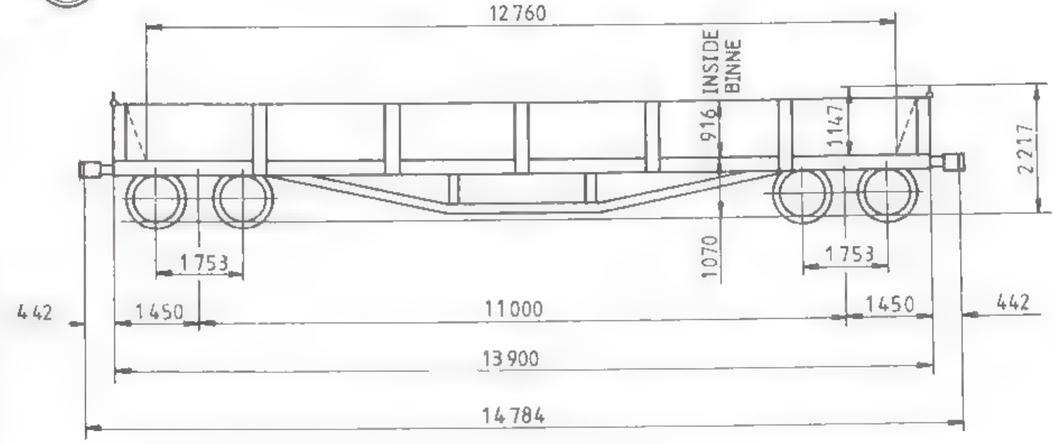
Tare (Average) kg / Tarra (Gemiddeld)	20 280
Load kg / Vrag	44 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	34
Capacity m^3 / Inhoudsvermoe	31

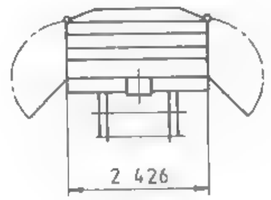
DZ-10

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussingrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussingrigting





Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
51-440 024/51-462 044	1974-75

Remarks
Opmerkings :-

Converted from Omskep van	Date Datum

Brake System - Remstelsel

A Dual Power - Automatic
Tweekrag - Outomaties
R Slack Adjuster
Remversteller

V Vacuum
Vakuum
L Air
Lug
D Dual Power - Manually operated
Tweekrag - Handbediening

Drawing Number Tekeningnommer	W001/D025	
Bogie Type Draaisteltipe	SPOORBARBER	
Bearing Size Laergrootte	D	
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	10/10	
Brake System Remstelsel:	V/R	
Brake Cylinders Remsilinders	(V) 2/18	(L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(v)87,67/27,3	(L)
Drawgear Equipment Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke Koppelaar / Juk	SASKOP-S / SAR SAS	

Centre of Gravity (Empty) Swaartepunt (Leeg)	800
Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor	74 000
Originally designed for Oorspronklik ontwerp vir	GENERAL GOODS ALGEMENE GOEDERE
Converted for Omskep vir	

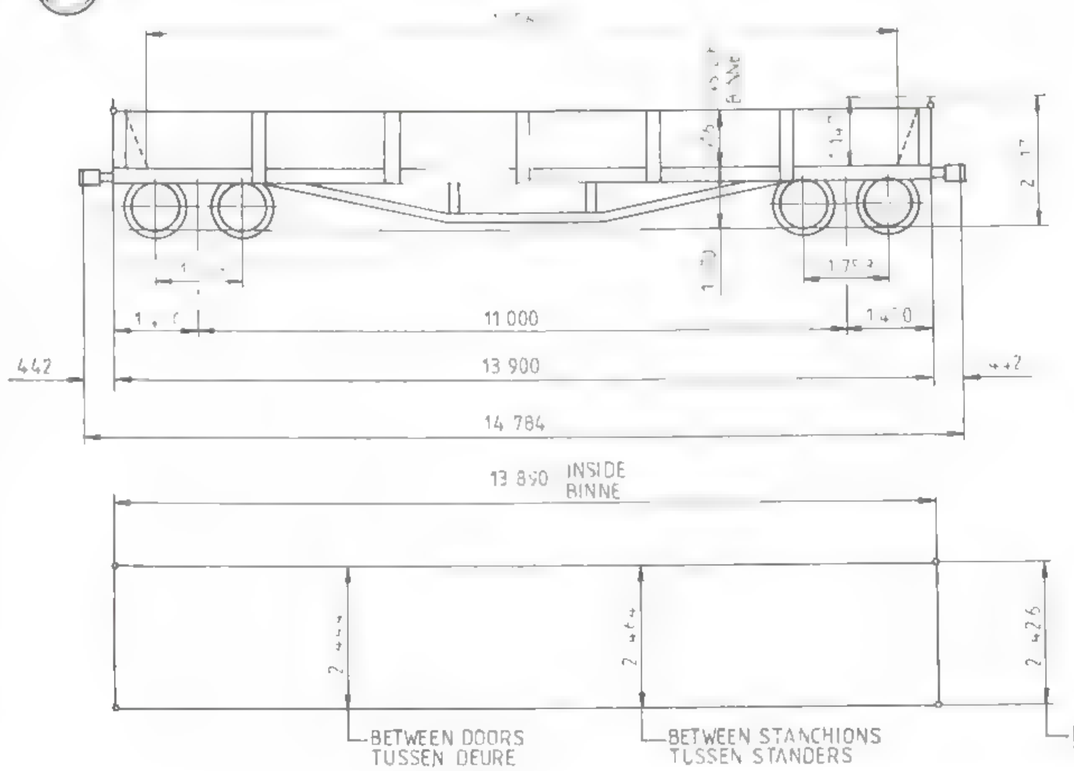
Revision Hersiening						
Date Datum						

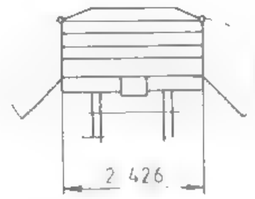
Tare (Average) kg Tarra (Gemiddeld)	19 900
Load kg Vrag	44 000
Load (Coal) kg Vrag (Steenkool)	
Floor Area m^2 Vloeroppervlakte	34
Capacity m^3 Inhoudsvermoë	31

DZ-11

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller





Remarks :- ASSET OF NORTH-WEST CAPE REGION
Opmerkings :- BATE VAN NOORDWES-KAAPSTREEK

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
96 020-008 / 96 020-326	1974 - 75

Converted from / Omskep van	Date / Datum

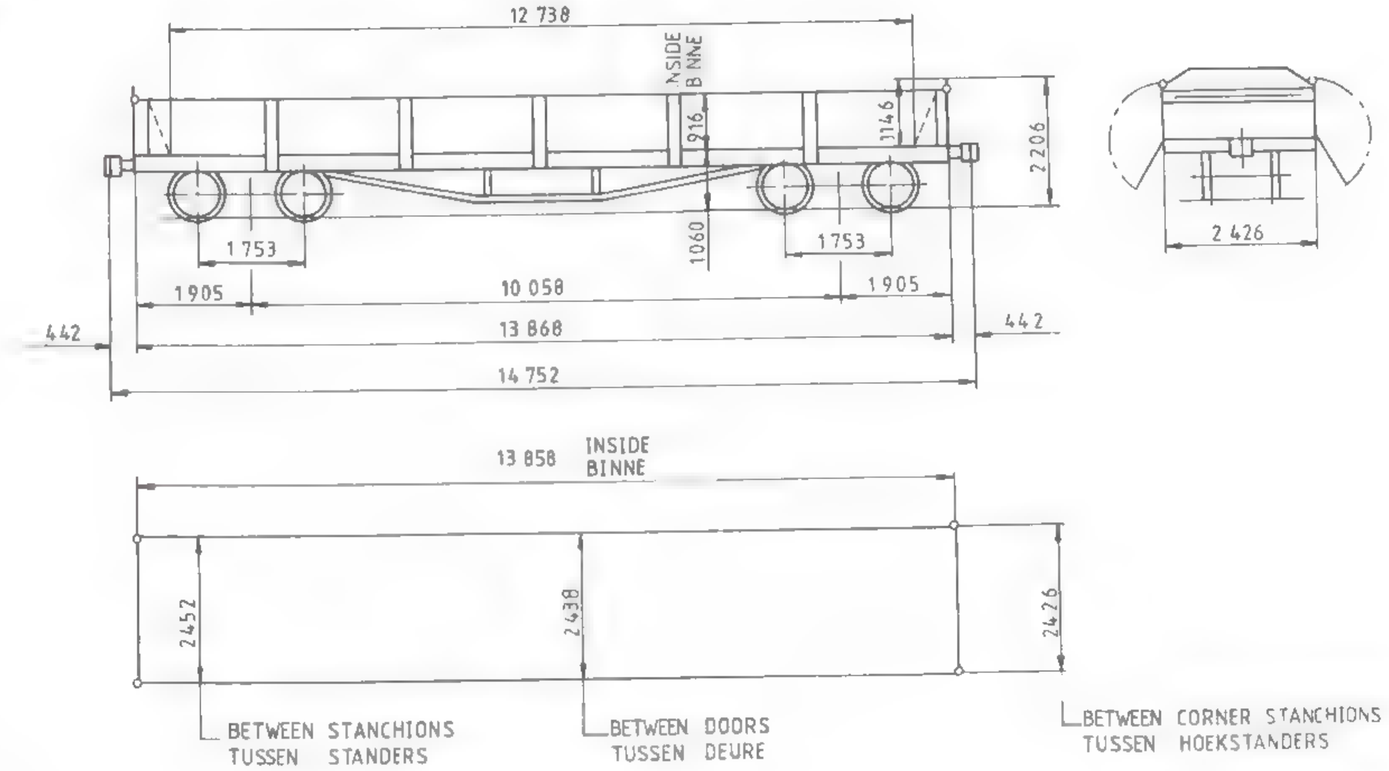
Drawing Number / Tekeningnommer	W001/D025		
Bogie Type / Draaisteltipe	SPOORBARBER		
Bearing Size / Laergrootte	D		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10		
Brake System / Remstelsel	V, R		
Brake Cylinders / Remsilinders	(V) 2/18	(L)	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 87,67/27,3	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS		

Centre of Gravity (Empty) / Swaartepunt (Leeg)	800
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

Tare (Average) kg / Tarra (Gemiddeld) kg	19 900
Load kg / Vrag kg	44 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	34
Capacity m^3 / Inhoudsvermoe m^3	31

DZ - 12



Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushoning device
Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel

A Dual Power - Automatic
Tweekrag - Outomaties
R Slack Adjuster
Remversteller

V Vacuum
Vakuum
L Air
Lug
D Dual Power - Manually operated
Tweekrag - Handbediening

Remarks
Opmerkings :-

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
51-600 005 / 51-605 465	1971
51-605 473 / 51-610 884	1971

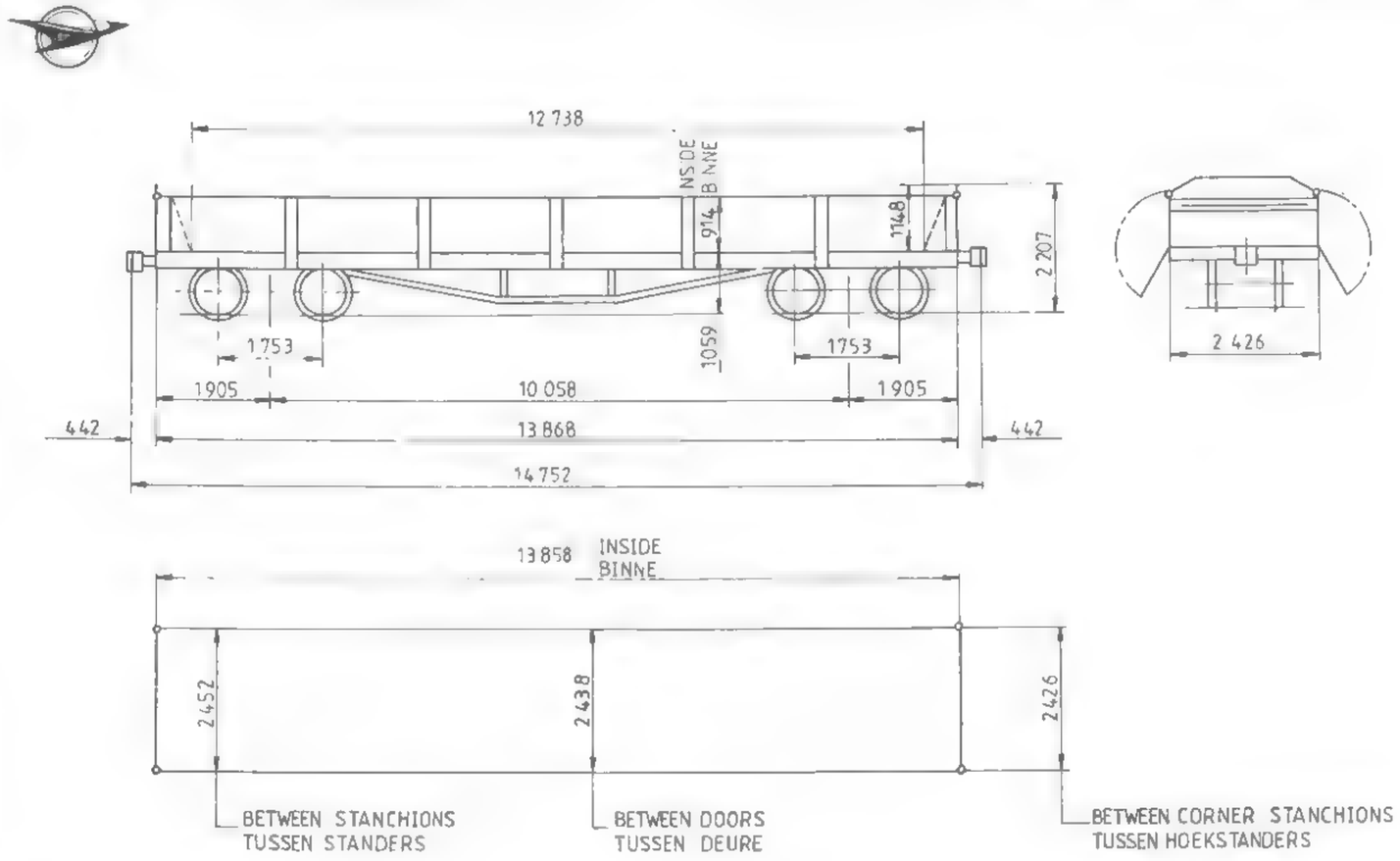
Converted from Omskep van	Date Datum
DZ-8	1979

Drawing Number Tekeningnommer	CME 102/12-834		
Bogie Type Draaisteltipe	SPOORBARBER		
Bearing Size Laergrootte	C		
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	10 / 10		
Brake System Remstelsel	V		
Brake Cylinders Remsilinders	(V) 2/21	(L)	
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)	
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 87,4/27,1	(L)	
Drawgear Equipment Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke Koppelaar / Juk	SASKOP-S / SAR SAS		

Centre of Gravity (Empty) Swaartepunt (Leeg)	744						
Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor	64 000						
Originally designed for Oorspronklik ontwerp vir	GENERAL GOODS ALGEMENE GOEDERE						
Converted for Omskep vir							
Revision Hersiening							
Date Datum							

Tare (Average) kg Tarra (Gemiddeld)	19 820
Load kg Vrag	44 000
Load (Coal) kg Vrag (Steenkool)	
Floor Area m^2 Vloeroppervlakte	33,8
Capacity m^3 Inhoudsvermoe	31

DZA-8



Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingrigting

Brake System - Remstelsel
A Dual Power Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power – Manually operated / Tweekrag – Handbediening

Remarks
Opmerkings

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
51 - 612 003 / 51 - 644 533	1972 - 74

Converted from / Omskep van	Date / Datum
DZ - 9	1979

Drawing Number / Tekeningnommer	W001/D020		
Bogie Type / Draaisteltipe	SPOORBARBER		
Bearing Size / Laergrootte	C		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10		
Brake System / Remstelsel	V/R		
Brake Cylinders / Remsilinders	(V) 2/21	(L)	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 71/22,06	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP-S	SAR SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	744
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	64 000
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

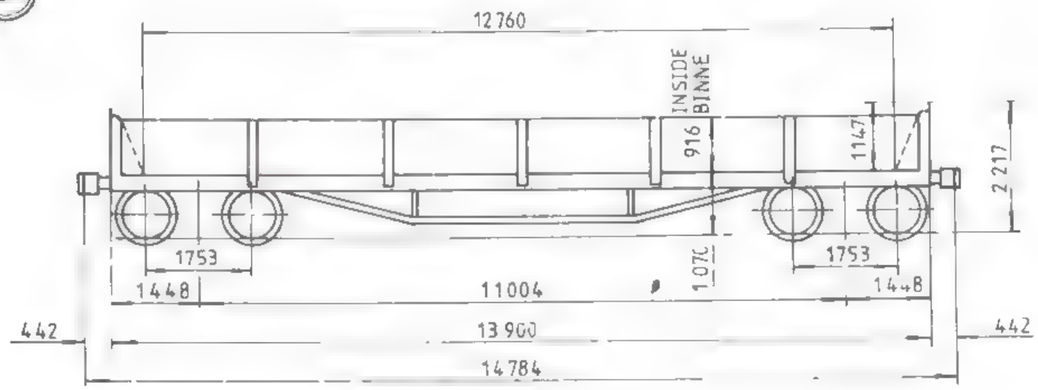
Tare (Average) kg / Tarra (Gemiddeld) kg	19 820
Load kg / Vrag kg	44000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	33,8
Capacity m^3 / Inhoudsvermoë m^3	30,9

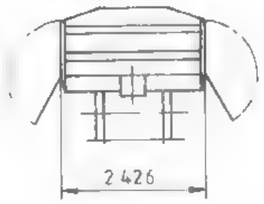
DZA-9

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting





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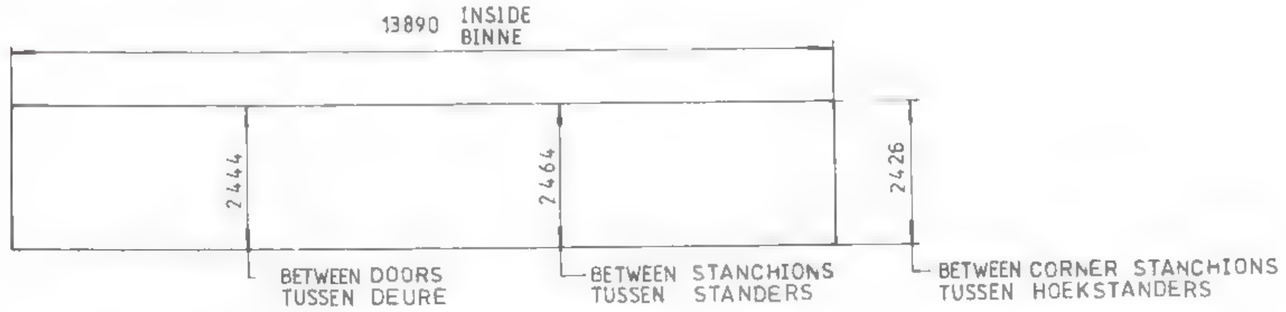


Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
51-718 006/51-718 014	1973
51-718 022/51-734 869	1974-75
51-734 877/51-745 852	1975-76
51 745 860/51-755 653	1975-76
51 755 661/51-760 894	1976-77
51 760 908/51-764 466	1977-78
51 764 474/51-772 132	1975-76
51-772 140/51-789 736	1976-77
51-789 744/51-791 595	1977-78
51-791 609/51-792 001	1977-78

Remarks / Opmerkings

Converted from / Omskep van	Date / Datum
DZ-10	1979

Brake System - Remstelsel

V Vacuum / Vakuum
L Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

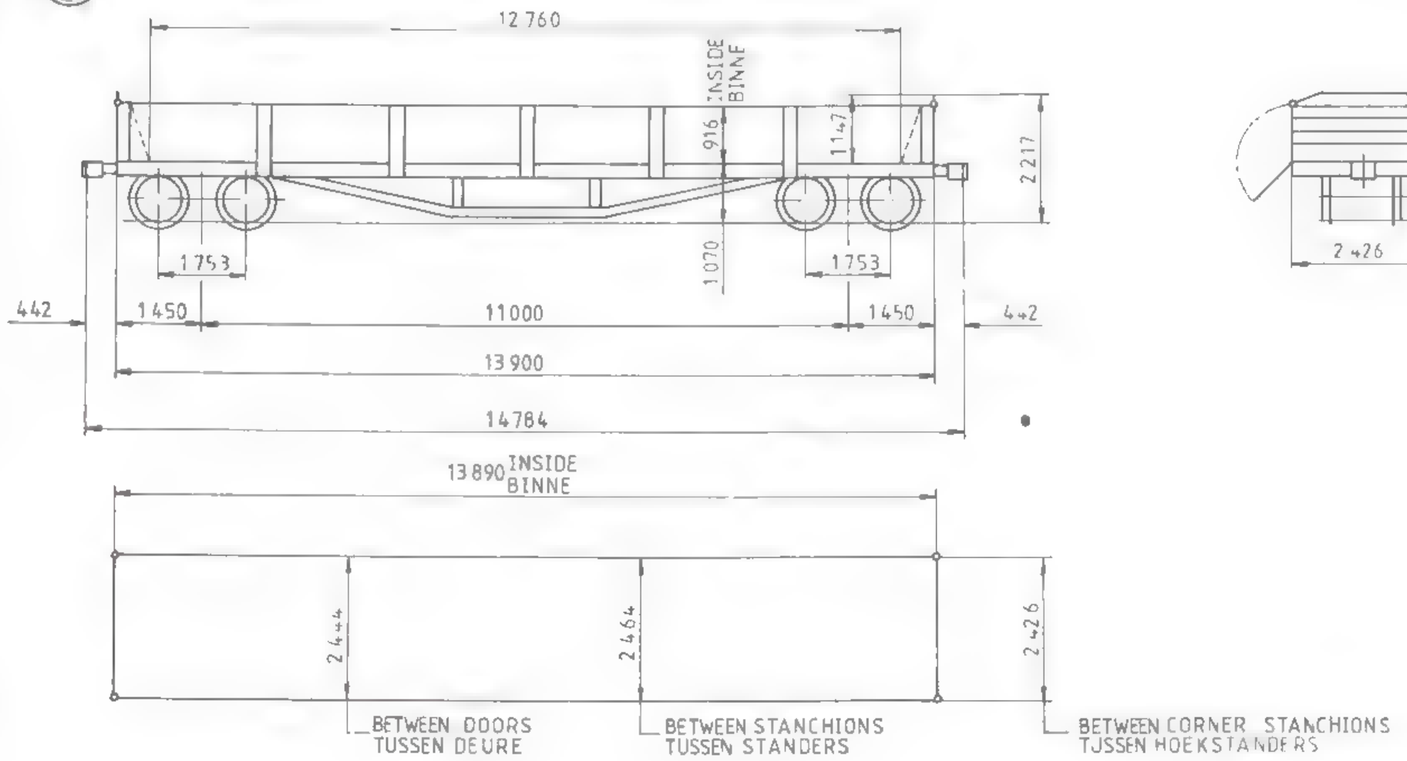
Drawing Number / Tekeningnommer		CME 164/12-A21	
Bogie Type / Draaisteltipe		SPOORBARBER HS Mk III X 1	
Bearing Size / Laergrootte		D	
Springs per Bogie / Vere per Draaistel	Outer / Inner / Buite / Binne	10/10	
Brake System / Remstelsel		V/R	
Brake Cylinders / Remsilinders		(V) 2/18	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp		(V) 65	(L)
Brake Percentage / Rempersentasie	Empty / Loaded / Leeg / Met Vrag	(V) 86,3/27,24	(L)
Drawgear Equipment / Trekwerkuitrusting		AAR M901 E	
Coupler / Yoke / Koppelaar / Juk		SASKOP-S / SAR SAS	

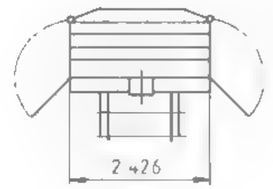
Centre of Gravity (Empty) / Swaartepunt (Leeg)	800						
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74000						
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE						
Converted for / Omskep vir							
Revision / Hersiening							
Date / Datum							

Tare (Average) kg / Tarra (Gemiddeld) kg	20 280
Load / Vrag kg	44 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area / Vloeroppervlakte m^2	34
Capacity / Inhoudsvermoë m^3	31

DZA-10

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting





Remarks / Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
51-700 018 / 51-717 026	1974 - 75

Converted from / Omskep van	Date / Datum
DZ-11	1979

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Drawing Number / Tekeningnommer	W001/D025	
Bogie Type / Draaisteltipe	SPOORBARBER	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10	
Brake System / Remstelsel	V/R	
Brake Cylinders / Remsilinders	(V) 2/18	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 87,7/27,3	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	800
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

Tare (Average) kg / Tarra (Gemiddeld) kg	19 [illegible]
Load kg / Vrag kg	44 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	34
Capacity m^3 / Inhoudsvermoë m^3	31

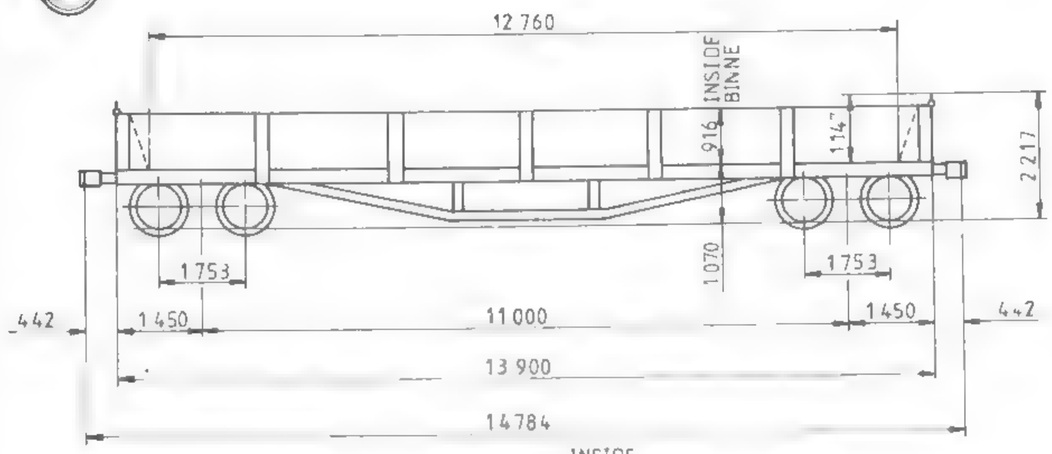
DZA-11

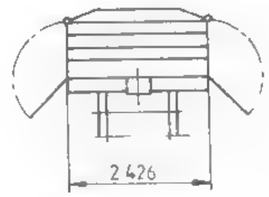
121

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting





Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
51-793 008/51-794 292	1975

Remarks / Opmerkings :-

Converted from / Omskep van	Date / Datum
DZ 12	1979

Brake System - Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power – Manually operated / Tweekrag – Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Drawing Number / Tekeningnommer		W001/D025	
Bogie Type / Draaisteltipe		SPOORBARBER	
Bearing Size / Laergrootte		D	
Springs per Bogie / Vere per Draaistel	Outer / Inner / Buite / Binne	10/10	
Brake System / Remstelsel		V,R	
Brake Cylinders / Remsilinders		(V) 2/18	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp		(V) 65	(L)
Brake Percentage / Rempersentasie	Empty / Loaded / Leeg / Met Vrag	(V) 87,7/27,3	(L)
Drawgear Equipment / Trekwerkuitrusting		AAR M901E	
Coupler / Yoke / Koppelaar / Juk		SASKOP-S / SAR SAS	

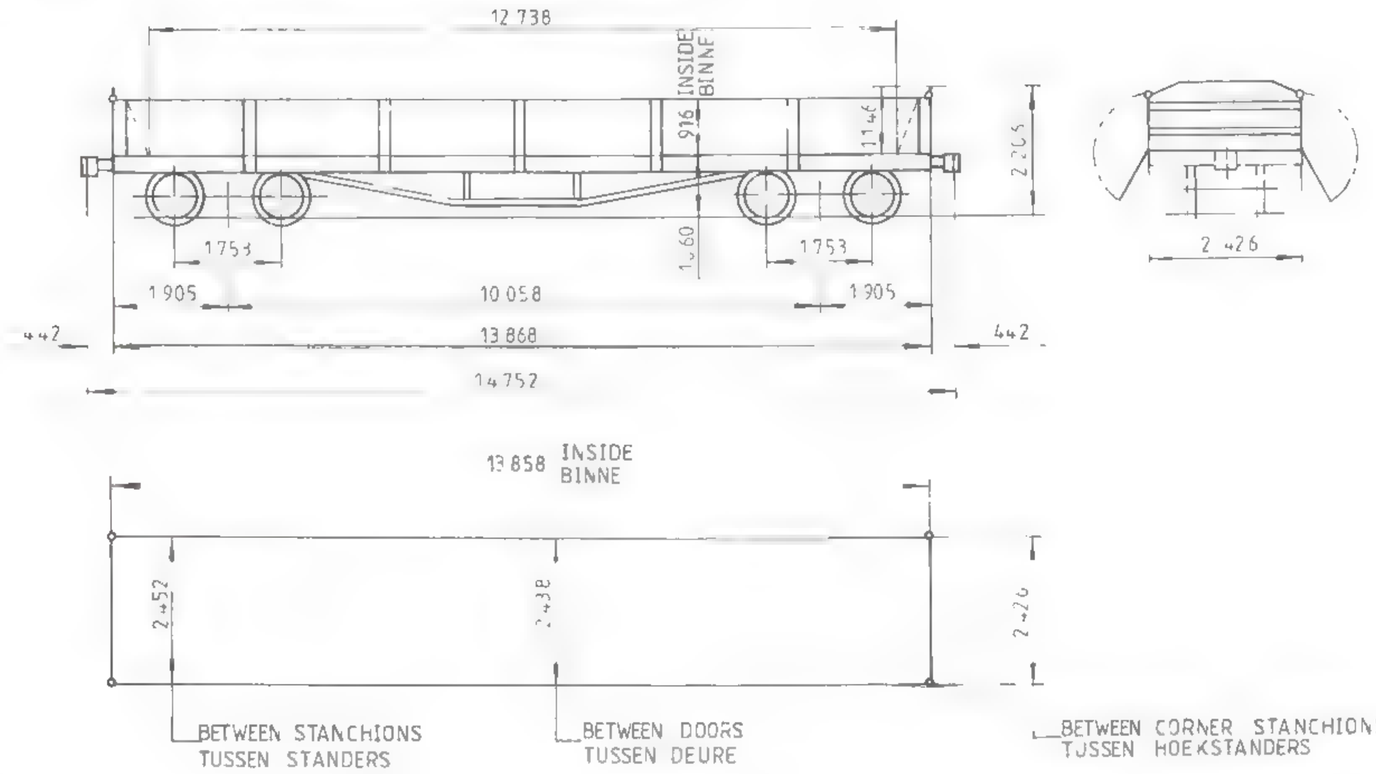
Centre of Gravity (Empty) / Swaartepunt (Leeg)	803
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

Tare (Average) kg / Tarra (Gemiddeld)	19 900
Load kg / Vrag	74 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	34
Capacity m^3 / Inhoudsvermoe	31

DZA-12

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulliese kussinginrigting



Remarks / Opmerkings :-
*1 W1/10445
CE No A/14697
CE No A/14711
CE No A/15458

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
51-035 464 /51-549 263	1940-68

Converted from / Omskep van	Date / Datum
DZ-7	1986-

Drawing Number / Tekeningnommer	CME 102/12-B34 *1		
Bogie Type / Draaisteltipe	SARCAST		
Bearing Size / Laergrootte	10 x 5		
Springs per Bogie / Vere per Draaistel — Outer / Buite — Inner / Binne	6 0		
Brake System / Remstelsel	V/R		
Brake Cylinders / Remsilinders	(V) 2/21	(L)	
Train Pipe / Treinpyp — Brake Pipe / Rempyp	(V) 65	(L)	
Brake Percentage / Rempersentasie — Empty / Loaded / Leeg / Met Vrag	(V) 70,2 / 23,3	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP-S	/ SAR SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	764
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	60 000
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

Tare (Average) kg / Tarra (Gemiddeld) kg	19 450
Load kg / Vrag kg	44 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	34
Capacity m^3 / Inhoudsvermoë m^3	31

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
■ Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

DZJ-7

123

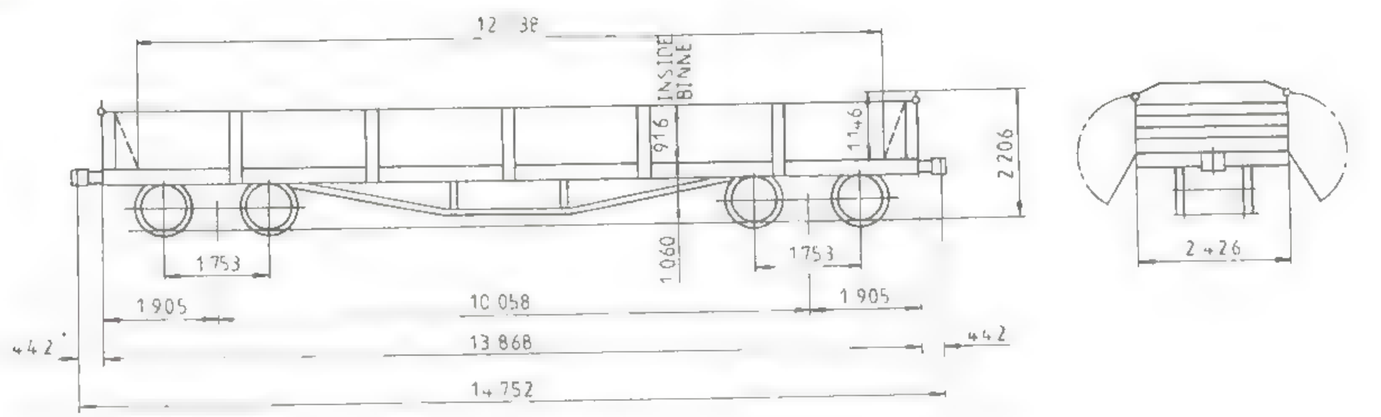
Drawgear Equipment · Trekwerkuitrusting

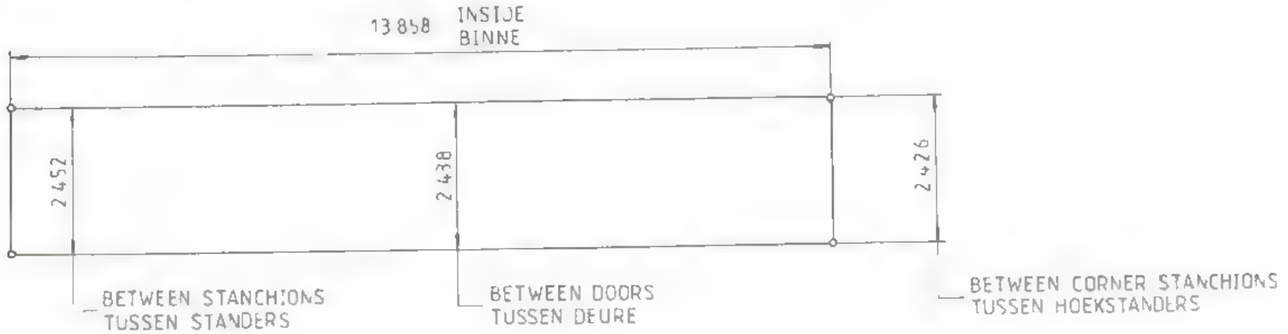
KK Coupler hydraulic cushioning device
Koppelaar hidroulièse kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidroulièse kussinginrigting

Brake System - Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power-Automatic / Tweekrag-Outomaties
S Slack Adjuster / Remversteller





Remarks
Opmerkings

Drawing Number / Tekeningnommer	CME 102/12-B34
Bogie Type / Draaisteltipe	SPOORBARBER
Bearing Size / Laergrootte	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10
Brake System / Remstelsel	[illegible]
Brake Cylinders / Remsilinders	(V) [illegible] (L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 69/22 (L)
Drawgear Equipment / Trekwerkuitrusting	[illegible]
Coupler / Yoke / Koppelaar / Juk	[illegible]

Centre of Gravity (Empty) / Swaartepunt (Leeg)	[illegible]
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	[illegible]
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS [illegible]
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

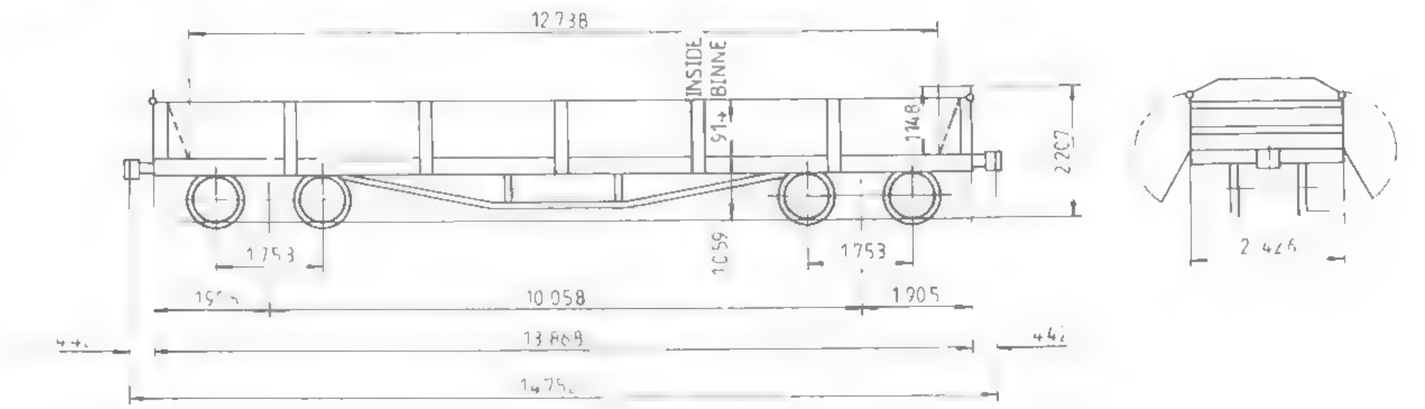
Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
51-600 005 / 51-610 884	1971

Converted from / Omskep van	Date / Datum
DZ-8	1986
DZA 8	987
Tare (Average) kg / Tarra (Gemiddeld) kg	[illegible]
Load kg / Vrag kg	[illegible]
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte m^2	[illegible]
Capacity m^3 / Inhoudsvermoe m^3	[illegible]

DZJ-8

08-85

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middebalk hidrouliese kussingrigting



Remarks / Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
51-612 003 / 51-644 533	1972 74

Converted from / Omskep van	Date / Datum
DZ-9	1987
DZA-9	1987

Brake System / Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Drawing Number / Tekeningnommer	W901/0071	
Bogie Type / Draaisteltipe	SPOORBARBER	
Bearing Size / Laergrootte	C	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10	
Brake System / Remstelsel	V/R	
Brake Cylinders / Remsilinders	(V) 2/21	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 71 0/22,1	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS	

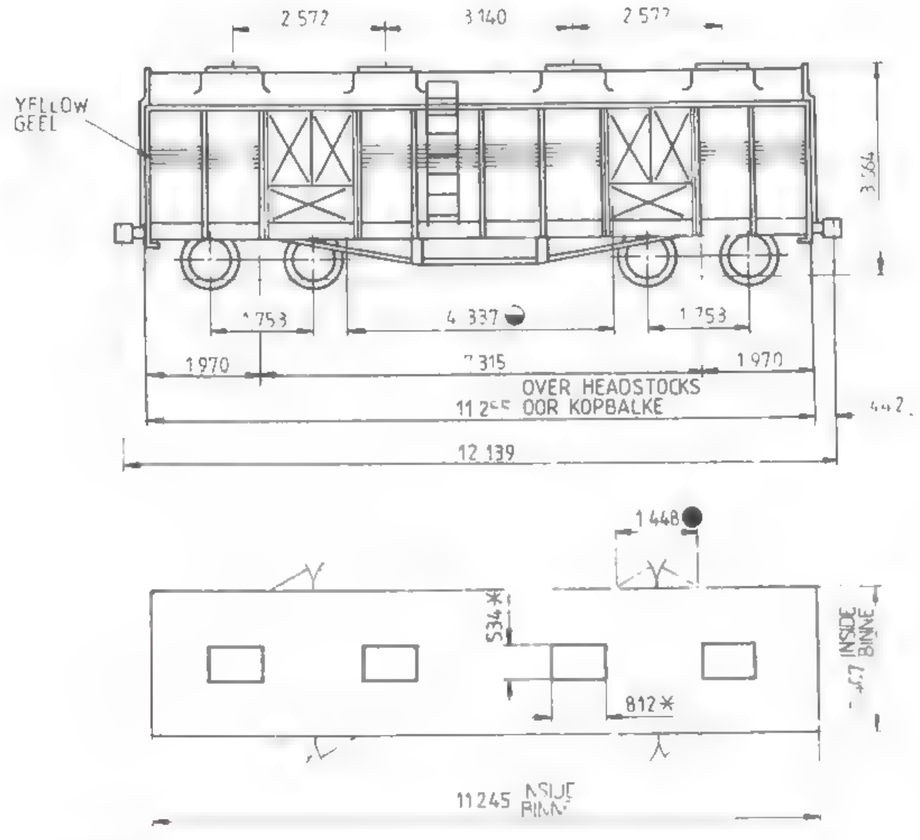
Centre of Gravity (Empty) / Swaartepunt (Leeg)	744
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	64 000
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE
Converted for / Omskep vir	

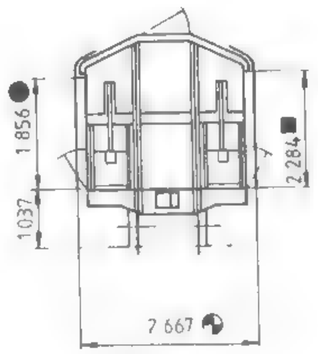
Revision / Hersiening						
Date / Datum						

Tare (Average) kg / Tarra (Gemiddeld) kg	17820
Load kg / Vrag kg	44000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte m^2	34
Capacity m^3 / Inhoudsvermoë m^3	31

DZJ-9

125





● VALVE CENTRES
KLEPHARTAFSTAND

* ROOF DOOR OPENING
DAKDEUROPENING

● DOOR OPENING
DEUROPENING

OVER LADDERS
OOR LERE

■ BOTTOM OF CANTRAIL
ONDERKANT VAN KANTRELING

Remarks : ALUMINIUM BODY
Opmerkings : ALUMINIUMBAK

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
83-010 084	1964
83-010 173	1964
83-010 521	1964

Converted from Omskep van	Date Datum

Drawing Number Tekeningnommer	ME 157/12-A21
Bogie Type Draaisteltipe	ARE 7
Bearing Size Laergrootte	10×5
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	8/0
Brake System Remstelsel	V/D/R
Brake Cylinders Remsilinders	(V) 2/21 (L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 25 (L)
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 98/60,5 (L)
Drawgear Equipment Trekwerkuitrusting	SAR M261 E
Coupler / Yoke Koppelaar / Juk	SASKOP-S / SAR-SAS

Centre of Gravity (Empty) Swaartepunt (Leeg)	
Design Limit – Mass on Rail kg Ontwerplimiet – Massa op Spoor	60 000
Originally designed for Oorspronklik ontwerp vir	AMMONIUM NITRATE AMMONIUMNITRAAT
Converted for Omskep vir	

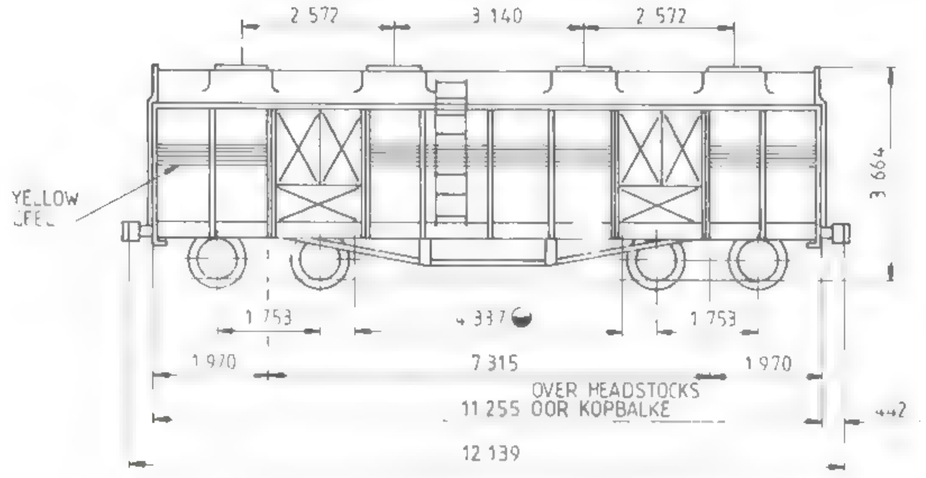
Revision Hersiening						
Date Datum						

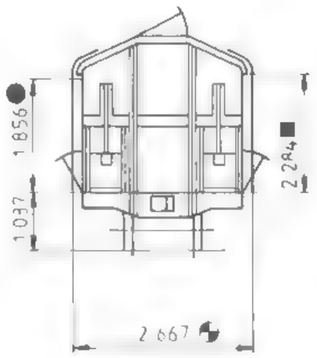
Tare (Average) kg Tarra (Gemiddeld)	17 420
Load kg Vrag	50
Load (Coal) kg Vrag (Steenkool)	
Floor Area m^2 Vloeroppervlakte	77
Capacity m^3 Inhoudsvermoe	66,9

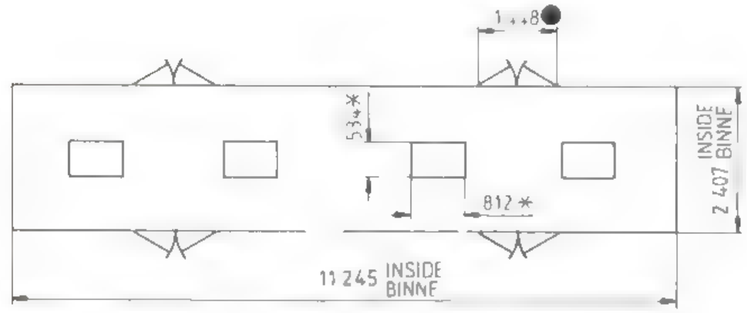
FAD-2

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller







- VALVE CENTRES / KLEPHARTAFSTAND
- * ROOF DOOR OPENING / DAKDEUROPENING
- DOOR OPENING / DEUROPENING
- OVER LADDERS / OOR LERE
- BOTTOM OF CANTRAIL / ONDERKANT VAN KANTRELING

Remarks / Opmerkings : ALUMINIUM BODY / ALUMINIJMBAK

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
83-010 009 / 83-010 548	1964

Converted from / Omskep van	Date / Datum
FAD -2	1983-

Drawing Number / Tekeningnommer	CME 157/12-A21		
Bogie Type / Draaisteltipe	SARCAST		
Bearing Size / Laergrootte	10 X 5		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	8/0		
Brake System / Remstelsel	V/R		
Brake Cylinders / Remsilinders	(V) 1/21	(L)	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 98/30,3	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR-SAS		

Centre of Gravity (Empty) / Swaartepunt (Leeg)							
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	60 000						
Originally designed for / Oorspronklik ontwerp vir	AMMONIUM SULPHATE / AMMONIUMSULFAAT						
Converted for / Omskep vir							
Revision / Hersiening							
Date / Datum							

		Tare (Average) kg / Tarra (Gemiddeld) kg	17 420
		Load kg / Vrag kg	39 000
		Load (Coal) kg / Vrag (Steenkool) kg	
		Floor Area m^2 / Vloeroppervlakte m^2	27
		Capacity m^3 / Inhoudsvermoe m^3	66 9

FAJ-2

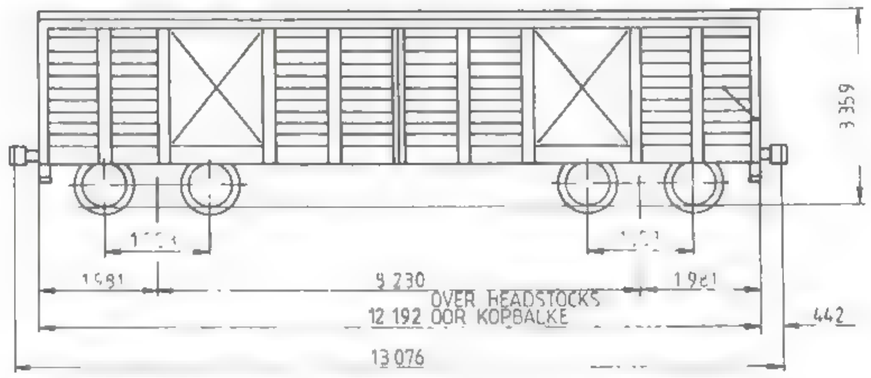
Drawgear Equipment - Trekwerkuitrusting

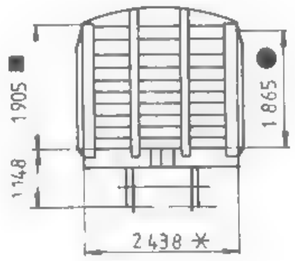
- KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingnrigting
- SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingnrigting

Brake System - Remstelsel

- V Vacuum / Vakuum
- L Air / Lug
- D Dual Power – Manually operated / Tweekrag – Handbediening
- A Dual Power - Automatic / Tweekrag - Outomaties
- R Slack Adjuster / Remversteller

127

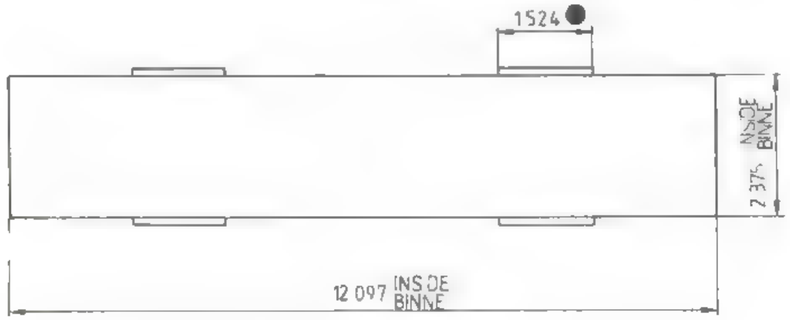




* OVER SOLEBARS
OOR BUITELANGSBALKE

● DOOR OPENING
DEUROPENING

■ BOTTOM OF CANTRAIL
ONDERKANT VAN KANTRELING



Remarks :-
Opmerkings

Vehicle Numbers / Voertuignommers			Placed in Service / In Gebruik Geneem
84-010 002	/	84-013 672	1951
84-013 680	/	84-017 929	1953 - 54
84-026 006	/	84-027 495	1951 - 54

Converted from / Omskep van	Date / Datum

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air
Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remversteller

Drawing Number / Tekeningnommer	W 10846		
Bogie Type / Draaisteltipe	DIAMOND FRAME / RAAM		
Bearing Size / Laergrootte	10 x 5		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	5/0		
Brake System / Remstelsel	V		
Brake Cylinders / Remsilinders	(V) /21	(L)	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 50	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 92,6 / 35,5	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR-SAS		

Centre of Gravity (Empty) / Swaartepunt (Leeg)							
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	60 000						
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE						
Converted for / Omskep vir							
Revision / Hersiening							
Date / Datum							

Tare (Average) kg / Tarra (Gemiddeld) kg	18 030
Load kg / Vrag kg	29 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m² / Vloeroppervlakte m²	28,7
Capacity m³ / Inhoudsvermoë m³	54,7

FB-1

/23

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussingrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel

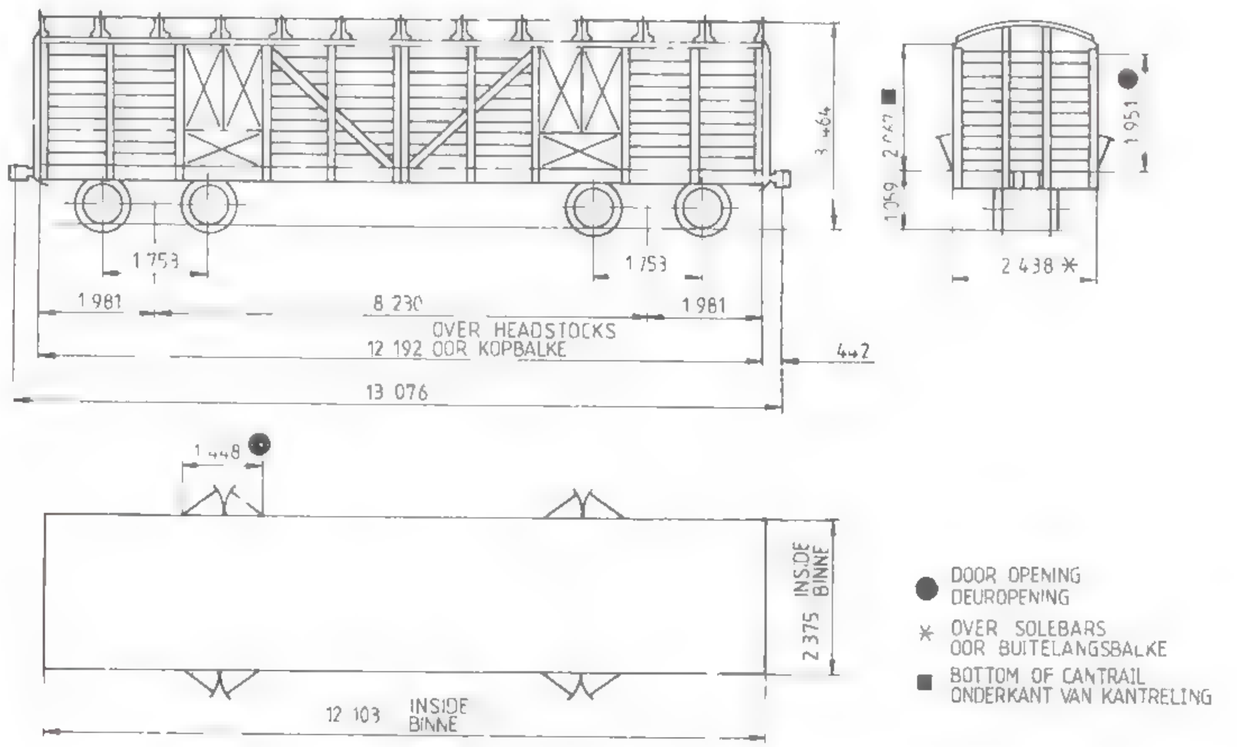
A Dual Power-Automatic
Tweekrag-Outomaties

R Slack Adjuster
Remversteller

V Vacuum
Vakuum

L Air
Lug

D Dual Power - Manually operated
Tweekrag - Handbediening



Remarks
Opmerkings

Drawing Number / Tekeningnommer	W1/20021 ; W 112/20021	
Bogie Type / Draaisteltipe	SARCAST	
Bearing Size / Laergrootte	10 × 5	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6/0	
Brake System / Remstelsel	V	
Brake Cylinders / Remsilinders	(V) 2/21	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 84,9/34,3	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR-SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 105
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	60 000
Originally designed for / Oorspronklik ontwerp vir	CATTLE / VEE
Converted for / Omskep vir	GENERAL GOODS / ALGEMENE GOEDERE

Revision / Hersiening						
Date / Datum						

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
84-300 000 / 84-305 282	1965 - 68

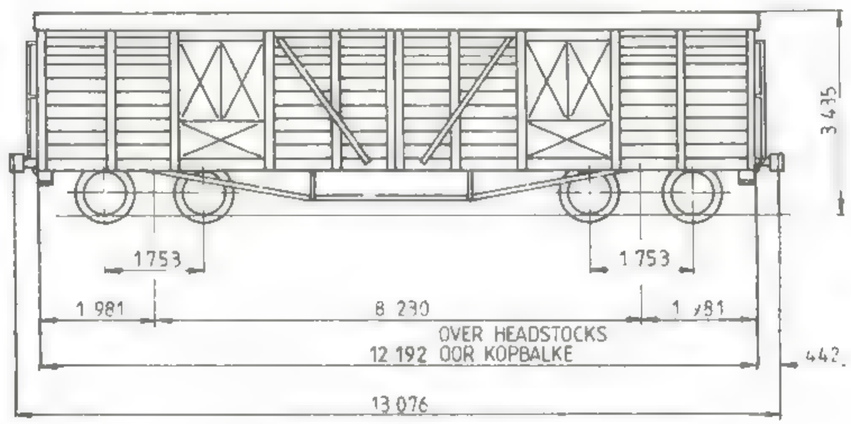
Converted from / Omskep van	Date / Datum
GZ - 9	1983-1984

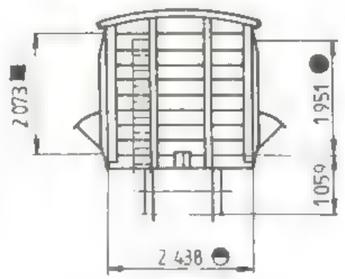
Tare (Average) kg / Tarra (Gemiddeld) kg	19 700
Load kg / Vrag kg	29 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	28,7
Capacity m^3 / Inhoudsvermoe m^3	59,4

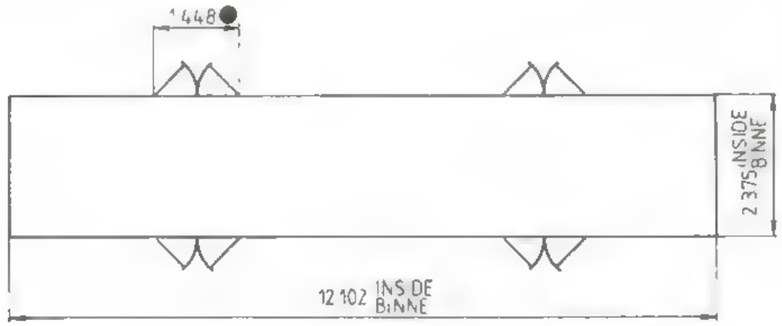
FB-2

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening







● DOOR OPENING
DEUROPENING
◒ OVER SOLEBARS
OOR BUITELANGSBALKE
■ BOTTOM OF CANTRAIL
ONDERKANT VAN KANTRELING

Remarks
Opmerkings :-

Drawing Number / Tekeningnommer	[illegible]29/12 A21	
Bogie Type / Draaisteltipe	SAB-AST	
Bearing Size / Laergrootte	[illegible] x 5	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6 / 0	
Brake System / Remstelsel	V	
Brake Cylinders / Remsilinders	(V) 2 / 21	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 87,8 / 34,8	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M501 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR-SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	60 000
Originally designed for / Oorspronklik ontwerp vir	CATTLE / VEE
Converted for / Omskep vir	GENERAL GOODS / ALGEMENE GOEDERE

Revision / Hersiening						
Date / Datum						

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
84-330 007 / 84-330 783	1962 - 1963

Converted from / Omskep van	Date / Datum
GZ - 7	1983 - 1984

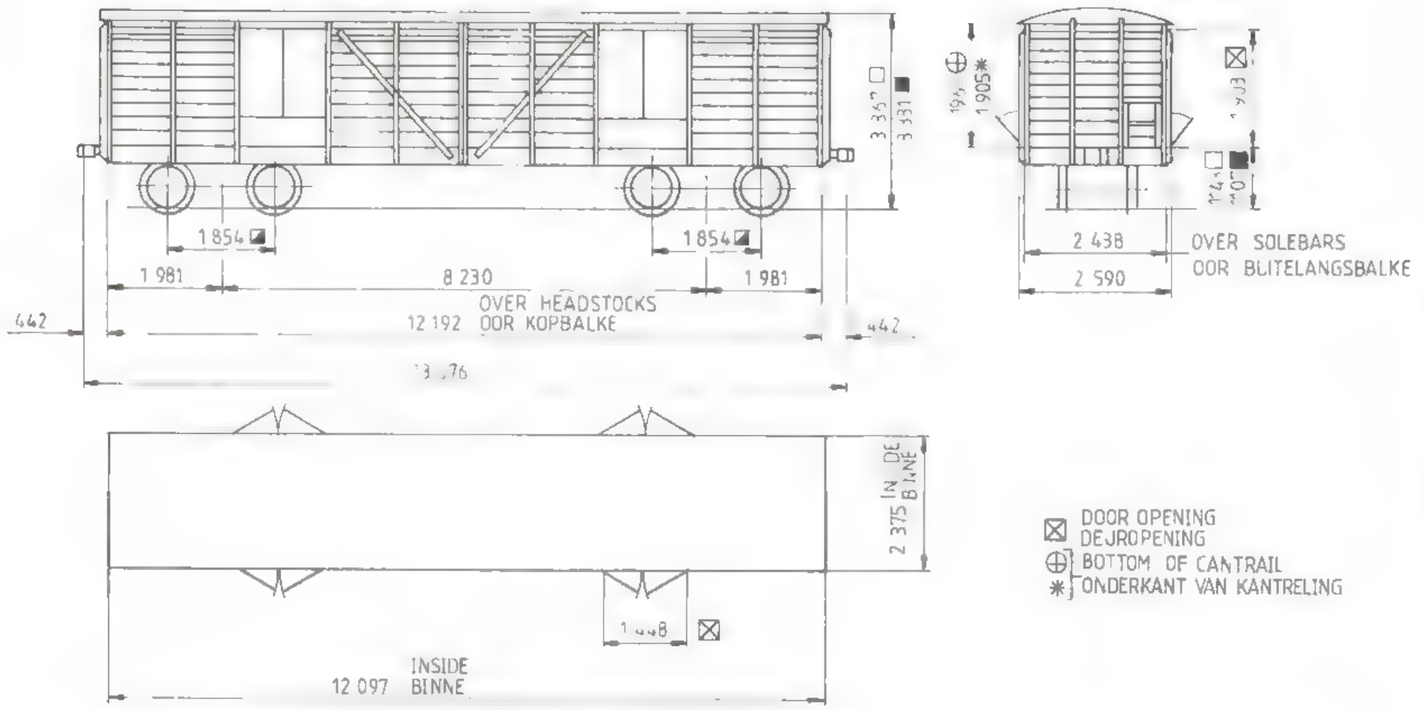
Tare (Average) kg / Tarra (Gemiddeld)	17 050	
Load kg / Vrag	29 000	
Load (Coal) kg / Vrag (Steenkool)		
Floor Area m^2 / Vloeroppervlakte	28,7	
Capacity m^3 / Inhoudsvermoë	59,6	

FB-3

130

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulliese kussinginrigting

Brake System - Remstelsel
A Dual Power Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening



Remarks / Opmerkings

WAGONS FITTED WITH 10 234 BOGIES HAVE IN MANY INSTANCES BEEN CHANGED OUT WITH SARCAST BOGIES
TROKKE GEPAS MET 10 234 DRAAISTELLE IN BAIE GEVALLE MET SARCAST-DRAAISTELLE UITGERUIL

84 340 010, 84 340 037, 84 340 045, 84 340 061, 84 340 118, 84 340 312, 84 340 002, 84 340 029, 84 340 088, 84 340 096 — 10 234 BOGIE DRAAISTEL (CME 105 12 A 28, 4/4 2/ELLP NESTS BUNDELS 1165) / SARCAST BOGIE DRAAISTEL 610 1753 1129 1165

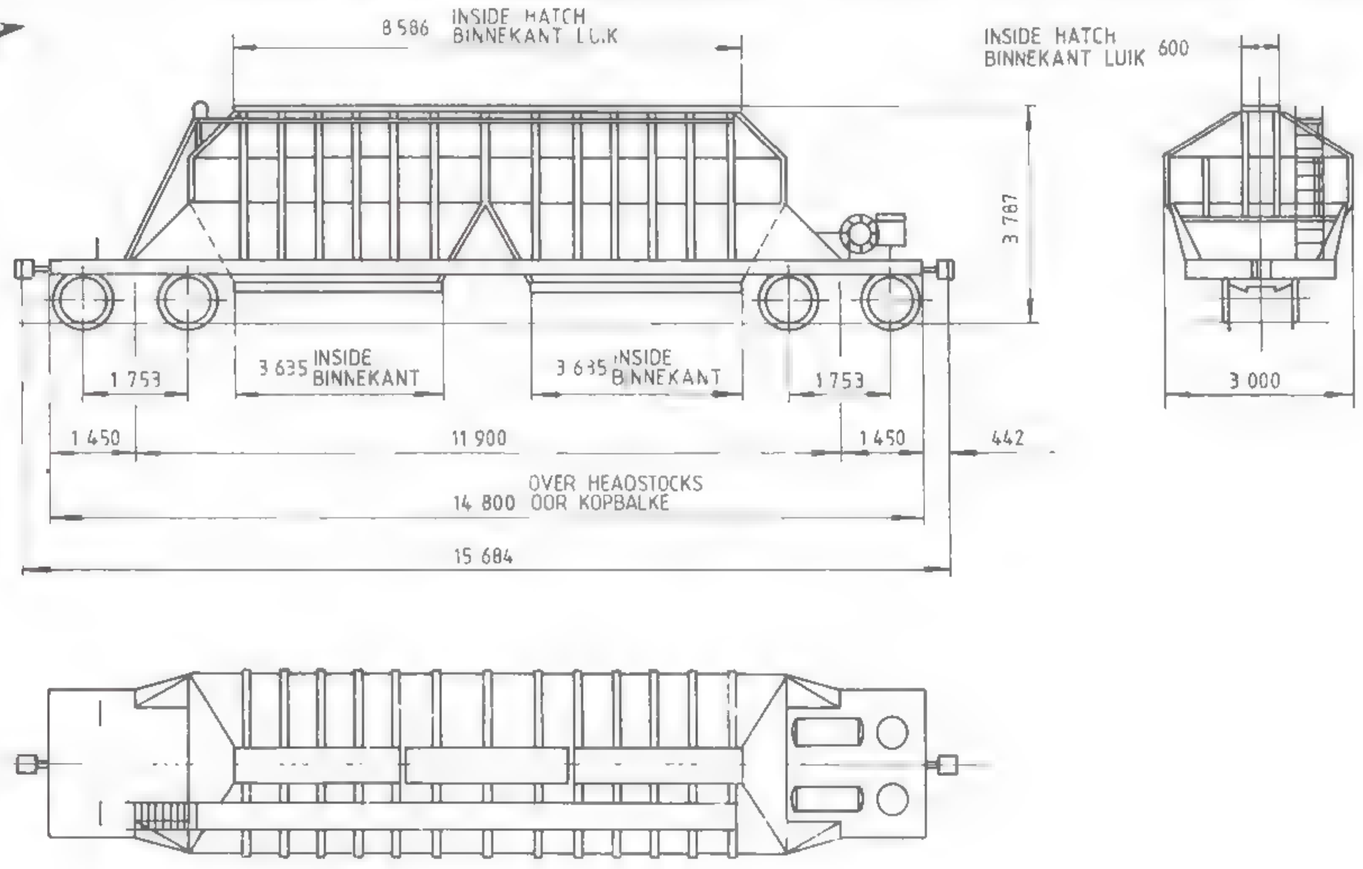
Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
84-340 002 / 84-340 517	1950 - 1956

Drawing Number / Tekeningnommer	* W 1 9724 ● w - 1/10 490		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 076	Converted from / Omskep van	Date / Datum
Bogie Type / Draaisteltipe					GZ 5	1983 - 84
Bearing Size / Laergrootte	10 × 5					
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne					Tare (Average) kg / Tarra (Gemiddeld) kg	20 320
Brake System / Remstelsel	V				Load kg / Vrag kg	29 000
Brake Cylinders / Remsilinders	(V) 2/21	(L)			Load (Coal) kg / Vrag (Steenkool) kg	
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 50	(L)			Floor Area m^2 / Vloeroppervlakte m^2	28 [illegible]
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) *77,2 / 31,8 ●82,3 / 33,9	(L)			Capacity m^3 / Inhoudsvermoë m^3	● 56,3 * 54,7
Drawgear Equipment / Trekwerkuitrusting	AAR M901E		Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor kg	60 000		
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR-SAS		Originally designed for / Oorspronklik ontwerp vir	CATTLE / VEE		
			Converted for / Omskep vir	GENERAL GOODS / ALGEMENE GOEDERE		

Revision / Hersiening						
Date / Datum						

FB-4

13/



Remarks :-
Opmerkings

◒ 18 500 kg MAXIMUM AXLE LOAD / MAKSIMUM ASBELASTING

◪ 15 000 kg MAXIMUM AXLE LOAD / MAKSIMUM ASBELASTING

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
87-500 000 / 87-506 580	1975-76

Converted from / Omskep van	Date / Datum

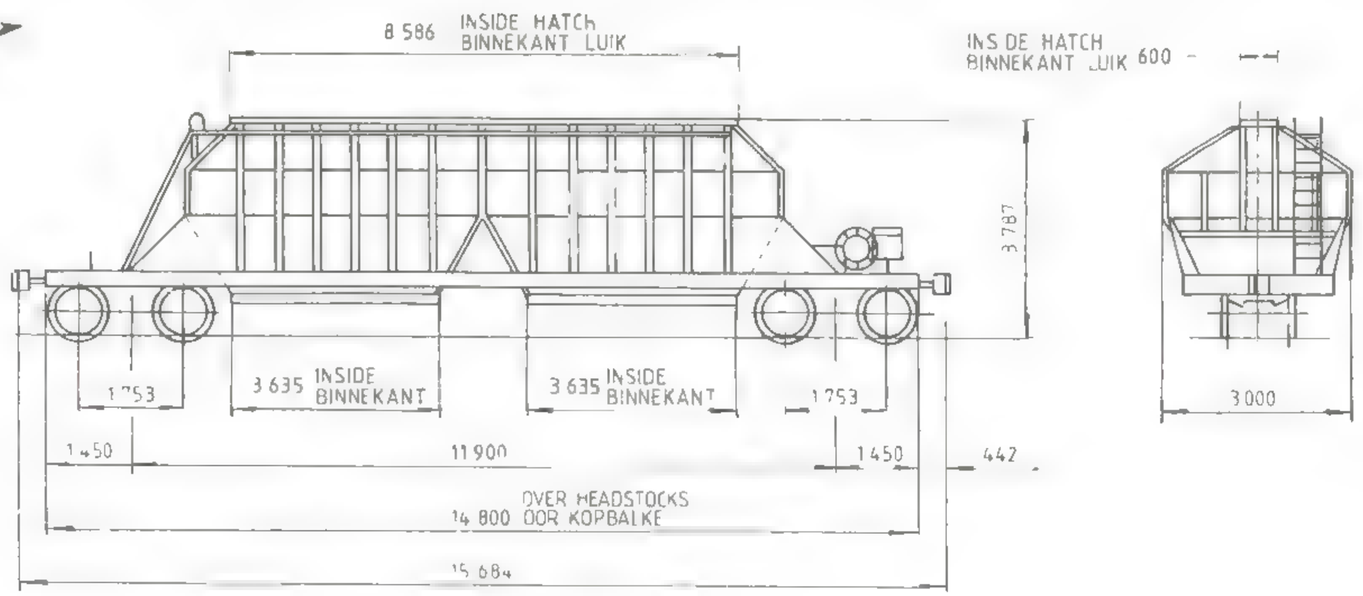
Drawing Number / Tekeningnommer	W 001 / D028	Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 081
Bogie Type / Draaisteltipe	SPOORBARBER		
Bearing Size / Laergrootte	D		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 10		
Brake System / Remstelsel	V / D / R		
Brake Cylinders / Remsilinders	(V) 2 / 2 (L)	Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	74 000
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65 (L)	Originally designed for / Oorspronklik ontwerp vir	SUGAR / SUIKER
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 64,8 / ◒ 41,1 ◪ 50 2 (L)	Converted for / Omskep vir	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	Revision / Hersiening	
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR-SAS	Date / Datum	

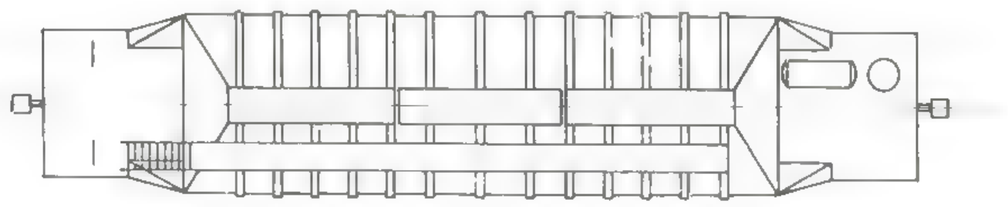
Tare (Average) kg / Tarra (Gemiddeld)	23 250
Load kg / Vrag	◒ 50 000 ◪ 36 750
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	
Capacity m^3 / Inhoudsvermoë	58

FCD-2

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening





Remarks :- ◒ 18 500 kg MAXIMUM AXLE LOAD
Opmerkings MAKSIMUM ASBELASTING

◪ 15 000 kg MAXIMUM AXLE LOAD
MAKSIMUM ASBELASTING

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussingin rgting
SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Drawing Number / Tekeningnommer	W 001 / D028	
Bogie Type / Draaisteltipe	SPOORBARBER	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 10	
Brake System / Remstelsel	V / R	
Brake Cylinders / Remsilinders	(V) 1 / 21	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 63,5 / ◒ 20,0 ◪ 24,4	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR-SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 081
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	SUGAR / SUIKER
Converted for / Omskep vir	

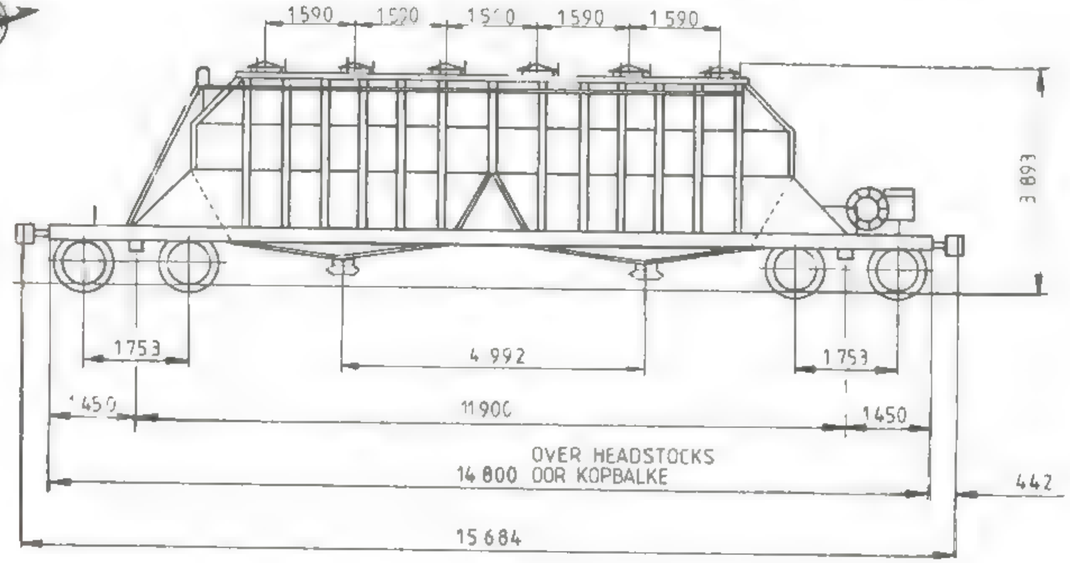
Revision / Hersiening						
Date / Datum						

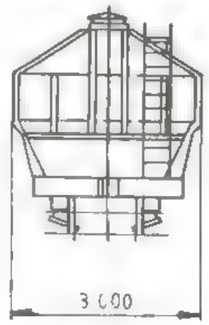
Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
B7-500 000 / B7-506 580	1975-76

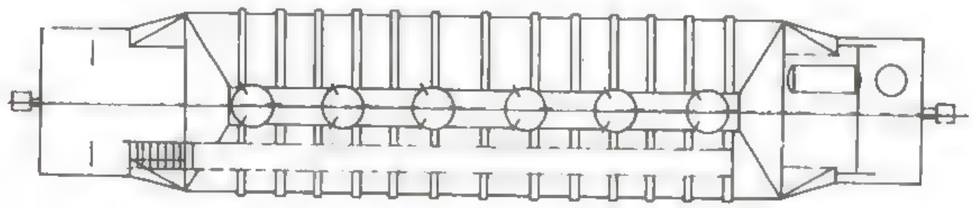
Converted from / Omskep van	Date / Datum
FCD-2	1984-

Tare (Average) kg / Tarra (Gemiddeld)	22 890
Load kg / Vrag	◒ 50 000 ◪ 36 750
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	
Capacity m^3 / Inhoudsvermoe	58

FCJ-2







Remarks
Opmerkings

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
87-010 100 / 87-010 313	1975-76

Converted from Omskep van	Date Datum
FCD-2	1981

Tare (Average) kg Tarra (Gemiddeld) kg	23 570
Load kg Vrag kg	47 000
Load (Coal) kg Vrag (Steenkool) kg	
Floor Area m^2 Vloeroppervlakte m^2	
Capacity m^3 Inhoudsvermoe m^3	55

Drawing Number Tekeningnommer	CME 178/12-A21
Bogie Type Draaisteltipe	SPOORBARBER
Bearing Size Laergrootte	D
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	10 / 10
Brake System Remstelsel	V/R
Brake Cylinders Remsilinders	(V)1/21 (L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V)65 (L)
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 61,7 / 20,6 (L)
Drawgear Equipment Trekwerkuitrusting	AAR M901 E
Coupler / Yoke Koppelaar / Juk	SASKOP-S / SAR-SAS

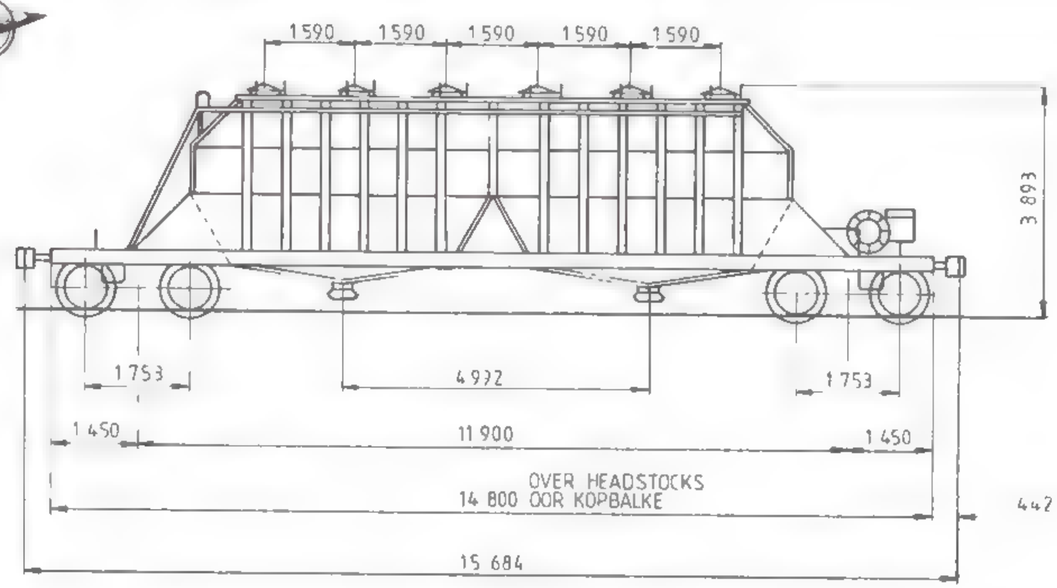
Centre of Gravity (Empty) Swaartepunt (Leeg)	
Design Limit – Mass on Rail kg Ontwerplimiet – Massa op Spoor	74 000
Originally designed for Oorspronklik ontwerp vir	SUGAR SUIKER
Converted for Omskep vir	REFINED SUGAR GERAFFINEERDE SUIKER

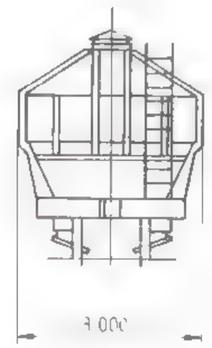
Revision Hersiening						
Date Datum						

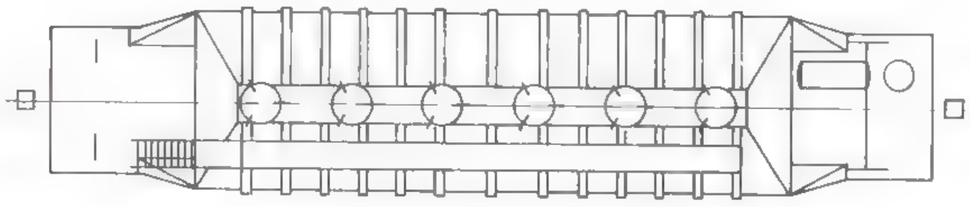
FFJ-1

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device
Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device
Middelbalk hidroulies kussingrigting

Brake System - Remstelsel
A Dual Power - Automatic
Tweekrag - Outomatres
R Slack Adjuster
Remversteller
V Vacuum
Vakuum
L Air
Lug
D Dual Power - Manually operated
Tweekra■ - Handbediening







Remarks : INTERIOR LINING "DIMETCOTE" PAINT (FOOD GRADE)
Opmerkings : BINNEVOERING "DIMETCOTE-VERF" (VOEDSELGRAAD)

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingrigting

Brake System - Remstelsel
A Dual Power-Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

Vehicle Numbers / Voertuignommers		Placed in Service / In Gebruik Geneem
87-010 100	87-010 313	1975-76
87-010 321	87-010 410	1975-76
87-010 429	87-010 674	1975-76
87-010 682	87-010 933	1975-76

Converted from / Omskep van	Date / Datum
FCD 2	1981-1985

Drawing Number / Tekeningnommer	CME 178/12-A21		
Bogie Type / Draaisteltipe	SPOORBARBER		
Bearing Size / Laergrootte	D		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10		
Brake System / Remstelsel	V/L/R		
Brake Cylinders / Remsilinders	(V) 1/21	(L) 1/10 × 12	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) 32	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 66,0/22,2	(L) 56,5/19,0	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR-SAS		

Centre of Gravity (Empty) / Swaartepunt (Leeg)							
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000						
Originally designed for / Oorspronklik ontwerp vir	SUGAR / SJIKER						
Converted for / Omskep vir	REFINED SUGAR / GERAFFINEERDE SJIKER						
Revision / Hersiening							
Date / Datum							

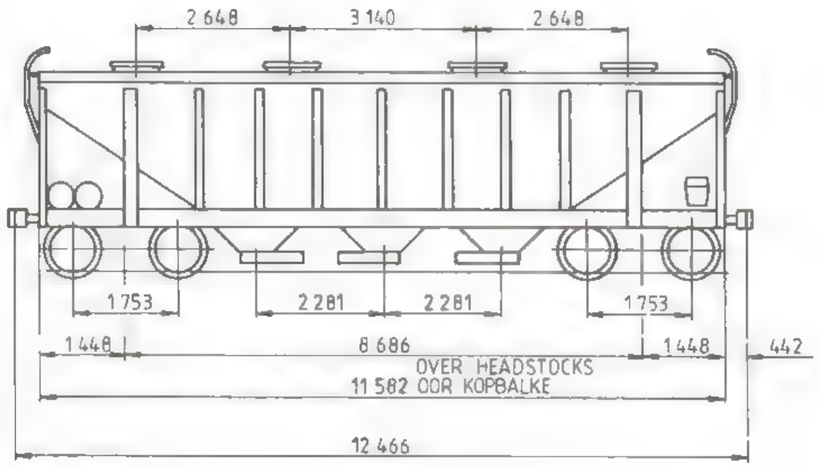
Tare (Average) kg / Tarra (Gemiddeld) kg	23 810
Load kg / Vrag kg	47 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	
Capacity m^3 / Inhoudsvermoë m^3	55

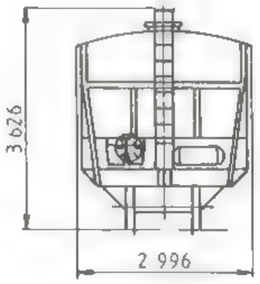
FFLJ-1

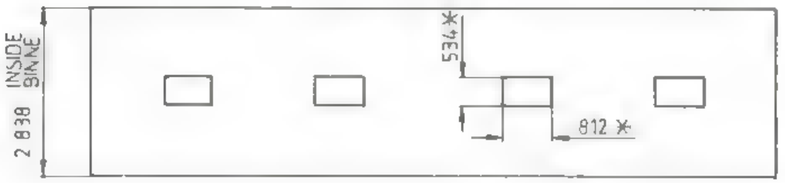
135

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remsteisel
A Dual Power-Automatic / Tweekrag-Outomaties
■ Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening







* ROOF DOOR OPENING
DAKDEUROPENING

Remarks
Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
86-014 250	1972
86-017 225	1972
86-018 647	1972

Converted from / Omskep van	Date / Datum

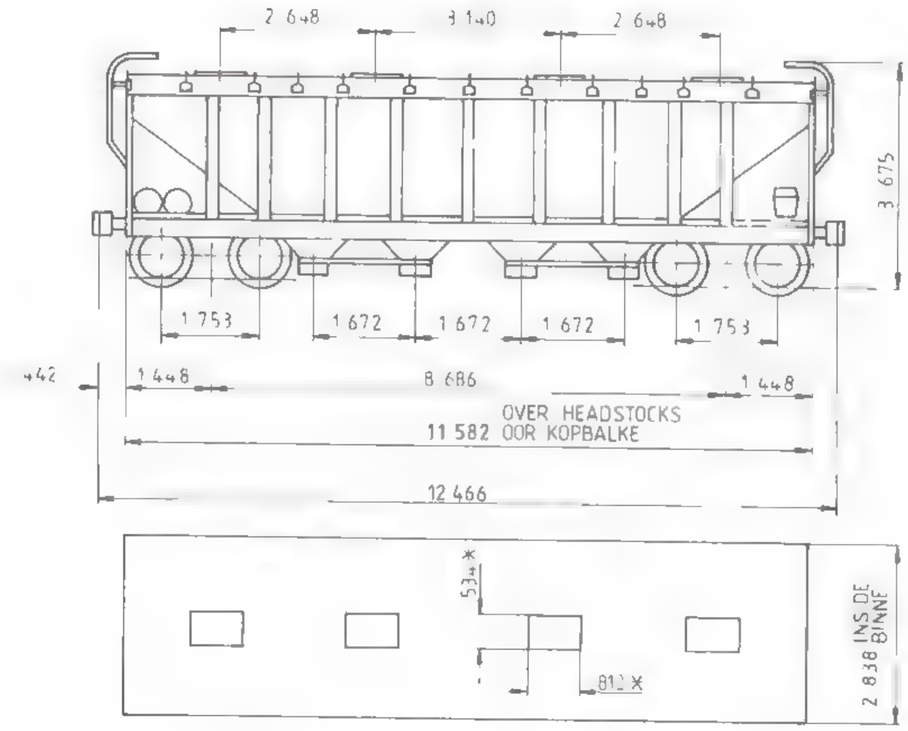
Drawing Number / Tekeningnommer	W 001/0014 ; W 001/0019		
Bogie Type / Draaisteltipe	SPOORBARBER		
Bearing Size / Laergrootte	C		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/4		
Brake System / Remsteisel	V/D/R		
Brake Cylinders / Remsilinders	(V) 4/15	(L)	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 68,7 / 48,7	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR-SAS		

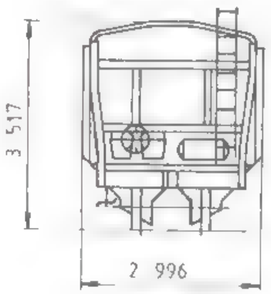
Centre of Gravity (Empty) / Swaartepunt (Leeg)	1058						
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000						
Originally designed for / Oorspronklik ontwerp vir	GRAN GRAAN						
Converted for / Omskep vir							
Revision / Hersiening							
Date / Datum							

Tare (Average) kg / Tarra (Gemiddeld) kg	20000
Load kg / Vrag kg	42000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte m^2	
Capacity m^3 / Inhoudsvermoë m^3	66,9

FGD-1

136





* ROOF DOOR OPENING
DAKDEUROPENING

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Remarks / Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
86-021 036 / 86-029 274	1974 - 75

Converted from / Omskep van	Date / Datum

Drawing Number / Tekeningnommer	W001/D026	
Bogie Type / Draaisteltipe	SPOORBARBER	
Bearing Size / Laergrootte	C	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/4	
Brake System / Remstelsel	V/D/R	
Brake Cylinders / Remsilinders	(V) 4/15	(L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 69,1/48,8	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR-SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 058
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	60 000
Originally designed for / Oorspronklik ontwerp vir	GRAIN / GRAAN
Converted for / Omskep vir	

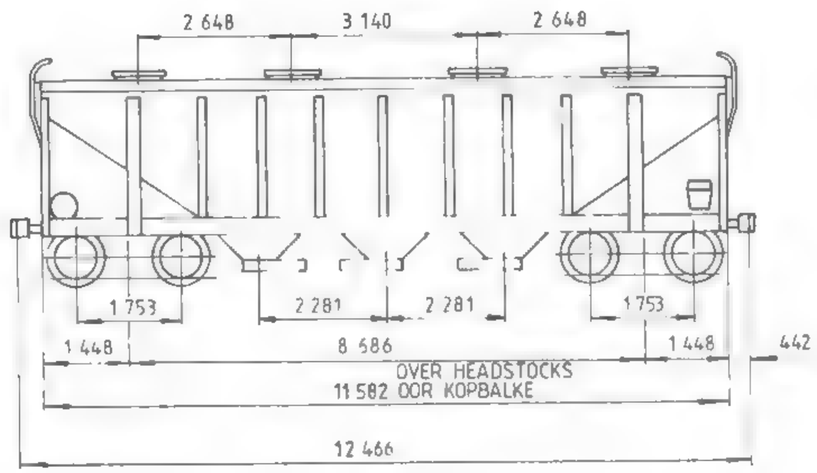
Revision / Hersiening						
Date / Datum						

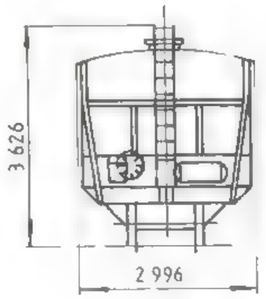
Tare (Average) kg / Tarra (Gemiddeld) kg	19 900
Load kg / Vrag kg	42 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	
Capacity m^3 / Inhoudsvermoë m^3	65,3

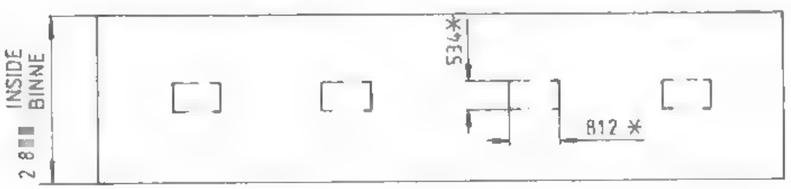
FGD-2

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller







* ROOF DOOR OPENING
DAKDEUROPENING

Remarks
Opmerkings :-

Drawing Number / Tekeningnommer	W 001/0014 W 001/0019	
Bogie Type / Draaisteltipe	SPOORBARBER	
Bearing Size / Laergrootte	C	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/4	
Brake System / Remstelsel	V/R	
Brake Cylinders / Remsilinders	(V) 2/15	(L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 75,7/24,0	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR - SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1058
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000
Originally designed for / Oorspronklik ontwerp vir	GRAIN / GRAAN
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
86 - 010 018 / 86 - 015 508	1971 - 72
86 - 015 516 / 86 - 021 001	1972 - 73
86 - 021 028	1972

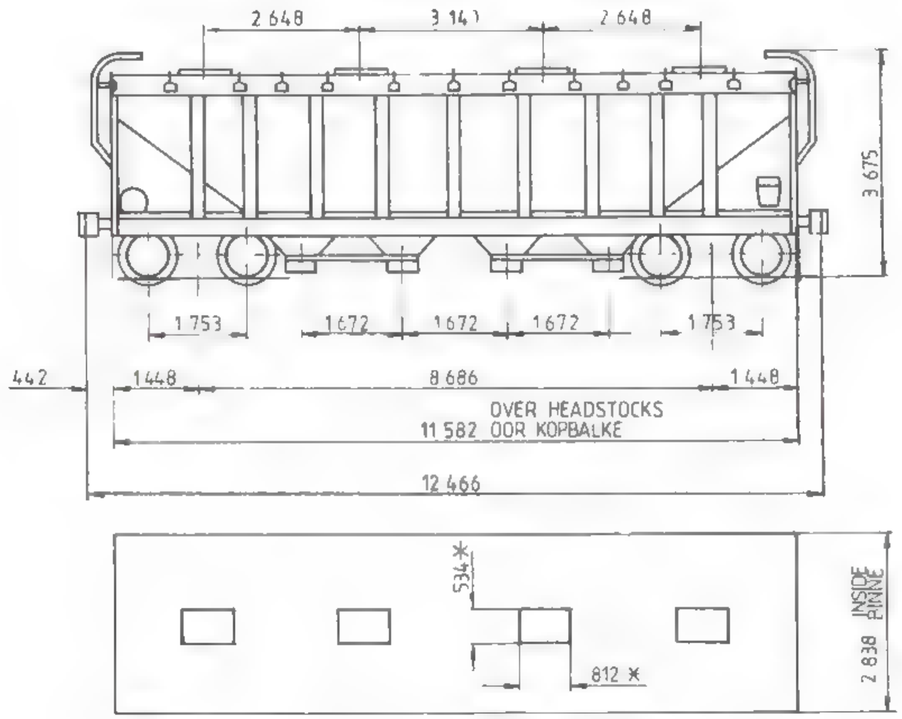
Converted from / Omskep van	Date / Datum
FGD-1	1981 -

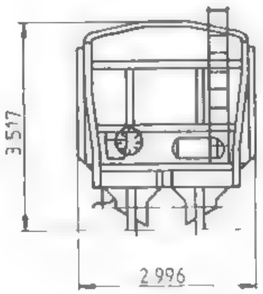
Tare (Average) / Tarra (Gemiddeld)	kg	19 540
Load / Vrag	kg	42 000
Load (Coal) / Vrag (Steenkool)	kg	
Floor Area / Vloeroppervlakte	m^2	
Capacity / Inhoudsvermoë	m^3	66,9

FGJ - 1

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

Brake System - Remsteisel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening





* ROOF DOOR OPENING
DAKDEUROPENING

Remarks
Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
86-021 036 / 86-029 274	1974 - 75

Converted from / Omskep van	Date / Datum
FGD - 2	1983 -

Drawing Number / Tekeningnommer	W001 / 0026		
Bogie Type / Draaisteltipe	SPOORBARBER		
Bearing Size / Laergrootte	C		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/4		
Brake System / Remsteisel	V/R		
Brake Cylinders / Remsilinders	(V) 2/15	(L)	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 70,7 / 22,4	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR-SAS		

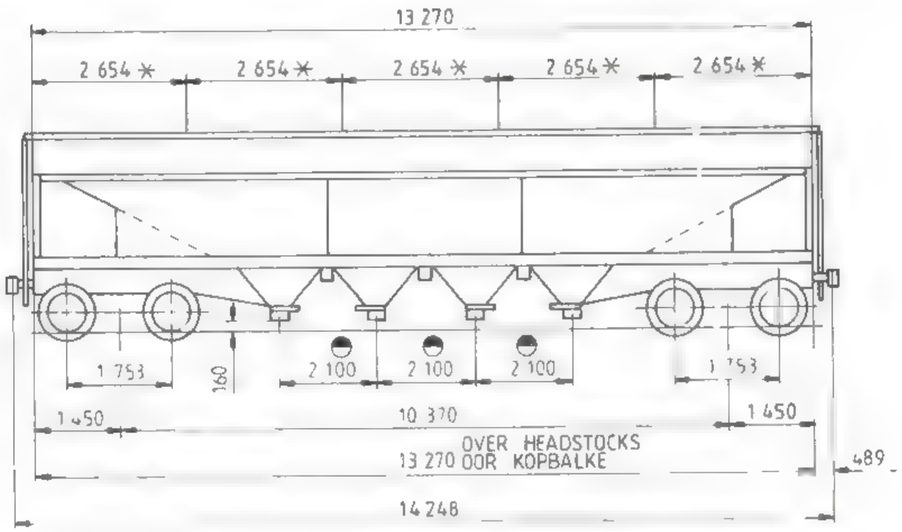
Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 058						
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	60 000						
Originally designed for / Oorspronklik ontwerp vir	GRAIN / GRAAN						
Converted for / Omskep vir							
Revision / Hersiening							
Date / Datum							

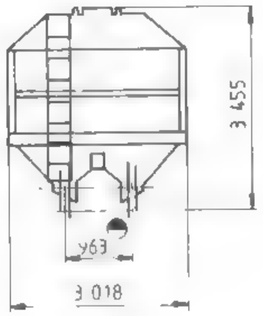
Tare (Average) kg / Tarra (Gemiddeld)	19 440
Load kg / Vrag	42 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	
Capacity m^3 / Inhoudsvermoe	65,3

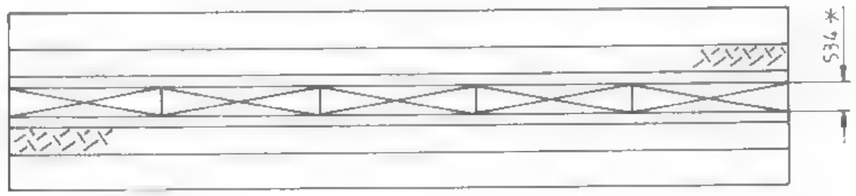
FGJ-2

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
A Dual Power-Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power – Manually operated / Tweekrag – Handbediening







* ROOF DOOR OPENING (5 DOORS) / DAKDEUROPENING (5 DEURE)

● HOPPER CENTRES / LOSSERHARTAFSTAND

Remarks / Opmerkings :- 8 DISCHARGE VALVES / UITLAATKLEPPE 389 x 306

Drawing Number / Tekeningnommer	W 001 / F 035	
Bogie Type / Draaisteltipe	HS MK VII	
Bearing Size / Laergrootte	D	
Springs per Bogie / Vere per Draaistel — Outer / Buite — Inner / Binne	10 / 10	
Brake System / Remstelsel	L / R	
Brake Cylinders / Remsilinders	(V)	(L) 1/ 10x12
Train Pipe / Treinpyp — Brake Pipe / Rempyp	(V)	(L) 32
Brake Percentage / Rempersentasie — Empty / Leeg — Loaded / Met Vrag	(V)	(L) 78,8 / 19,3
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	E / E	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	949
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	80 000
Originally designed for / Oorspronklik ontwerp vir	GRAIN / GRAAN
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
86-100 009 / 86-105 493	1984

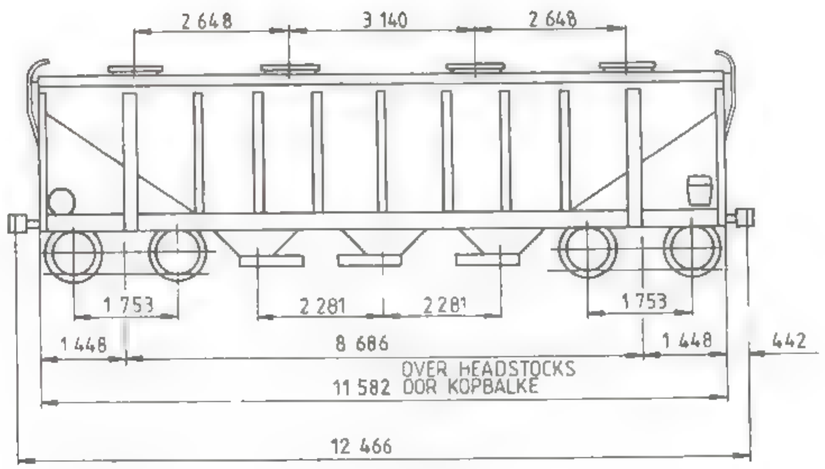
Converted from / Omskep van	Date / Datum

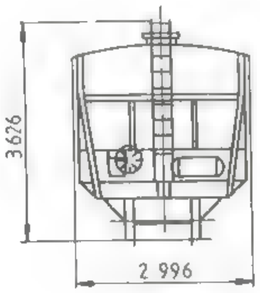
Tare (Average) kg / Tarra (Gemiddeld) kg	19 400
Load kg / Vrag kg	60 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	
Capacity m^3 / Inhoudsvermoë m^3	77 7

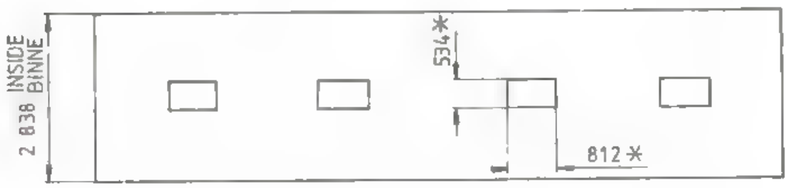
FGL-3

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
D Dual Power - Manually operated / Tweekrag - Handbediening
L Lug / Air
V Vacuum / Vakuum







* ROOF DOOR OPENING
DAKDEUROPENING

Remarks
Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
86 - 010 018 / 86 - 015 508	1971 - 72
86 - 015 516 / 86 - 021 001	1972 - 73
86 - 021 028	1972

Converted from / Omskep van	Date / Datum
FGD-1; FGJ-1	198 -

Drawing Number / Tekeningnommer	W 001/D014 W 001/D019		
Bogie Type / Draaisteltipe	SPOORBARBER		
Bearing Size / Laergrootte	C		
Springs per Bogie Outer / inner / Vere per Draaistel Buite / Binne	10/6		
Brake System / Remstelsel	V/L/R		
Brake Cylinders / Remsilinders	(V) 2/15	(L) 2/7×12	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) 32	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 74,0 / 23 1	(L) 69,1 / 21,6	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR-SAS		

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 058
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	60 000
Originally designed for / Oorspronklik ontwerp vir	GRAIN / GRAAN
Converted for / Omskep vir	

Revision / Herstelling						
Date / Datum						

Tare (Average) kg / Tarra (Gemiddeld)	20 000
Load kg / Vrag	44 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	
Capacity m^3 / Inhoudsvermoë	66 9

FGLJ-1

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel

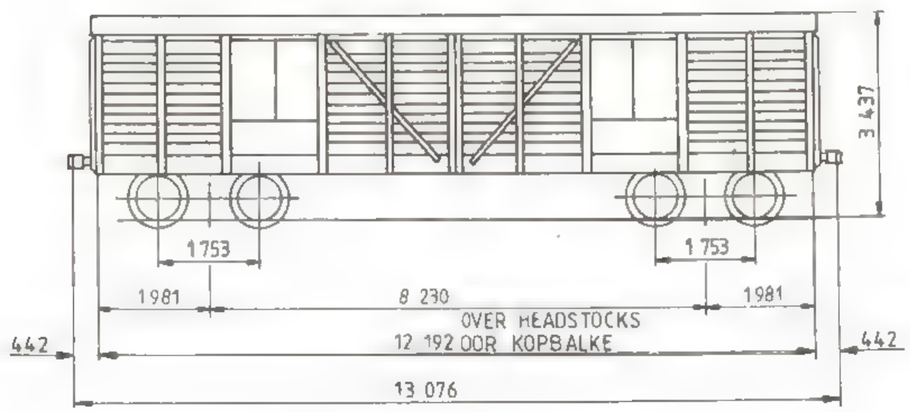
V Vacuum / Vakuum

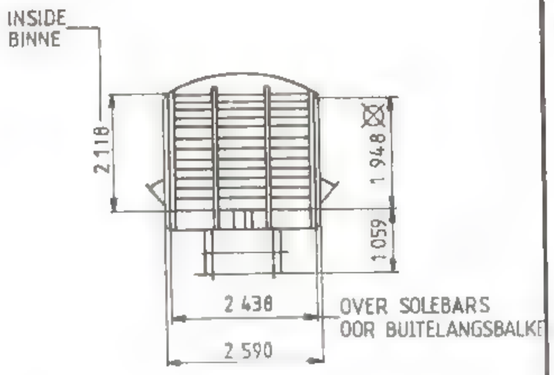
L Air / Lug

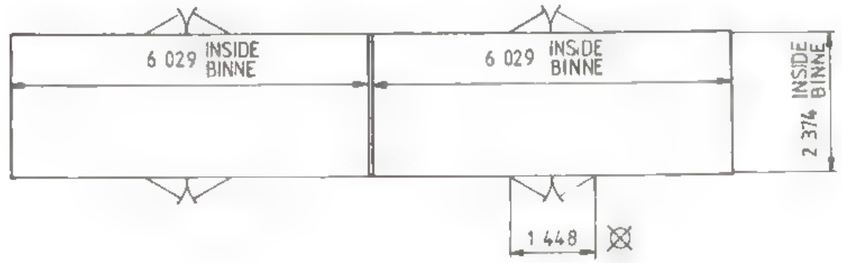
D Dual Power - Manually operated / Tweekrag - Handbediening

A Dual Power - Automatic / Tweekrag - Outomaties

R Slack Adjuster / Remversteller







Remarks
Opmerkings :-

⊠ DOOR OPENING
DEUROPENING

Drawing Number / Tekeningnommer	CME 120/12-A21
Bogie Type / Draaisteltipe	SARCAST
Bearing Size / Laergrootte	10 X 5
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6/0
Brake System / Remstelsel	V
Brake Cylinders / Remsilinders	(V) 2/21 (L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 85,7 / 34,4 (L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS

Centre of Gravity (Empty) / Swaartepunt (Leeg)	
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60000
Originally designed for / Oorspronklik ontwerp vir	FRUIT VRUGTE
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
79 - 028 004 / 79 - 033 474	1958

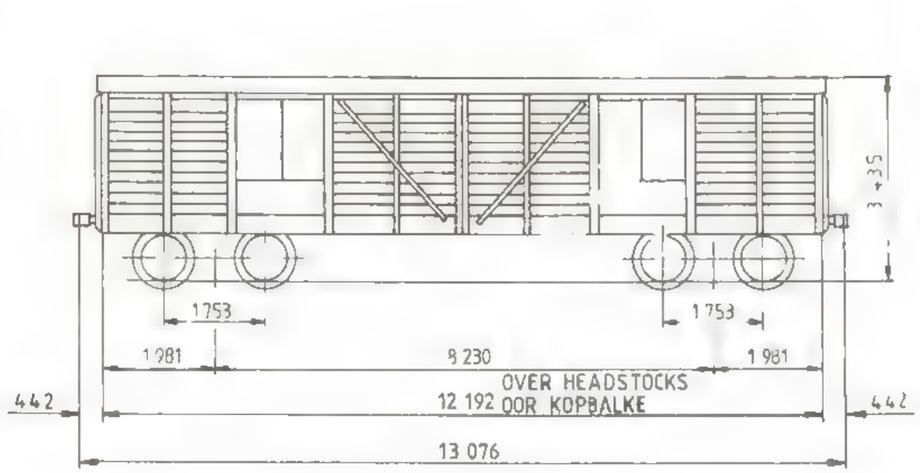
Converted from / Omskep van	Date / Datum

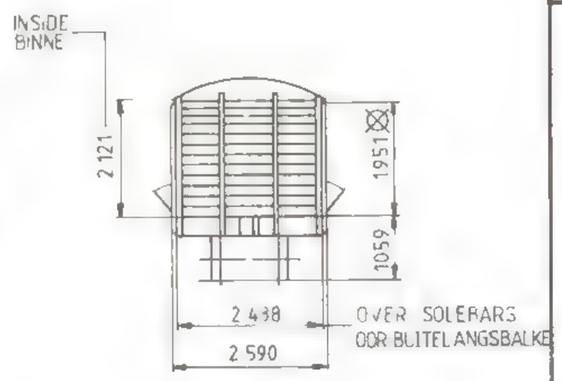
Tare (Average) kg / Tarra (Gemiddeld)	19 510
Load kg / Vrag	29 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	28,6
Capacity m^3 / Inhoudsvermoe	60,6

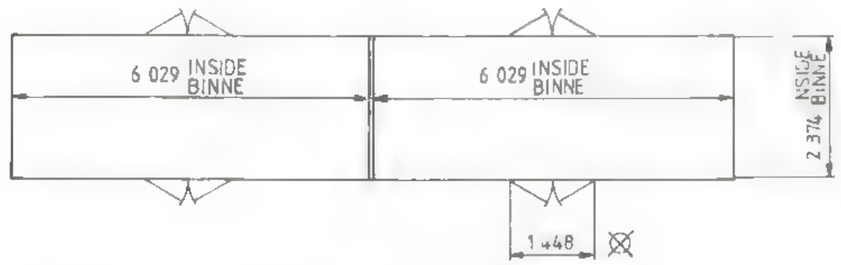
OZ-9

192

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulliese kussingmrigting







Remarks / Opmerkings :- OZ-12 BODY MOUNTED ON WAGON / BAK GEMONTEER OP TROK No 79-053 513 UNDERFRAME / ONDERSTEL

⊠ DOOR OPENING / DEUROPENING

Vehicle Numbers / Voerturgnommers			Placed in Service / In Gebruik Geneem
79-047 009	/	79-047 254	1961
79-047 718	/	79-052 932	1961
79-047 262	/	79-047 696	1962-63
79-052 940	/	79-057 950	1962-63

Converted from / Omskep van	Date / Datum

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Drawing Number / Tekeningnommer		CME 130/12-A21	
Bogie Type / Draaisteltipe		SARCAST	
Bearing Size / Laergrootte		10 X 5	
Springs per Bogie / Vere per Draaistel	Outer / Buite / Inner / Binne	6/0	
Brake System / Remstelsel		V	
Brake Cylinders / Remsilinders		(V) 2/21	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp		(V) 65	(L)
Brake Percentage / Rempersentasie	Empty / Leeg / Loaded / Met Vrag	(V) 83,7 / 34,1	(L)
Drawgear Equipment / Trekwerkuitrusting		AAR M901 E	
Coupler / Yoke / Koppelaar / Juk		SASKOP-S / SAR SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000
Originally designed for / Oorspronklik ontwerp vir	FRJT / VRJGTE
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

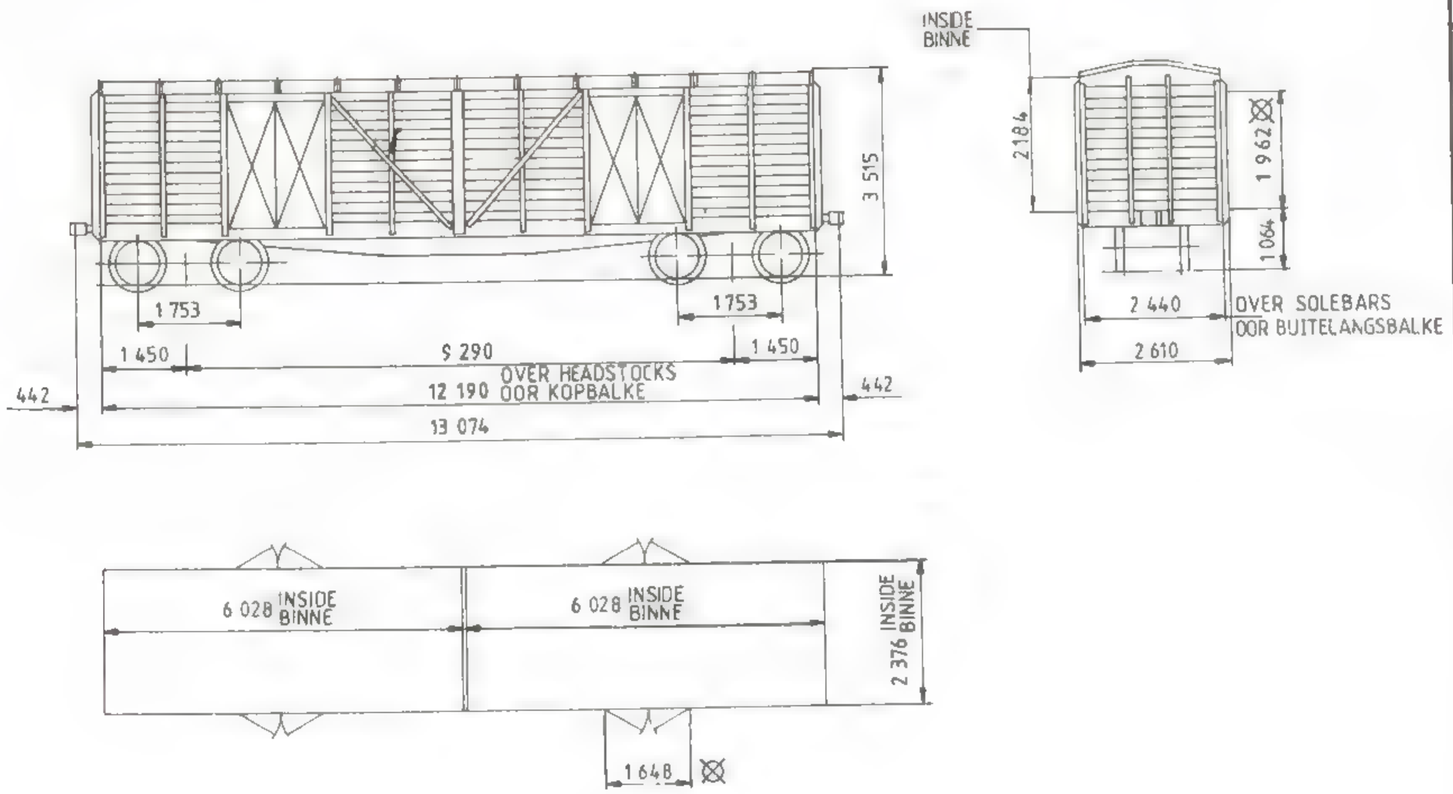
Tare (Average) - Tarra (Gemiddeld)	kg	19 960
Load / Vrag	kg	29 000
Load (Coal) / Vrag (Steenkool)	kg	
Floor Area / Vloeroppervlakte	m^2	28 6
Capacity / Inhoudsvermoë	m^3	60,7

OZ-11

193

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening



Remarks / Opmerkings :-

⊠ DOOR OPENING / DEUROPENING

Drawing Number / Tekeningnommer	W 001/ F 012
Bogie Type / Draaisteltipe	SPOORBARBER
Bearing Size / Laergrootte	C
Springs per Bogie Outer / inner / Vere per Draaistel Buite / Binne	8/2
Brake System / Remstelsel	V/R
Brake Cylinders / Remsilinders	(V) 2/21 (L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 69,9 / 28 (L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 042
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000
Originally designed for / Oorspronklik ontwerp vir	FRUIT / VRUGTE
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

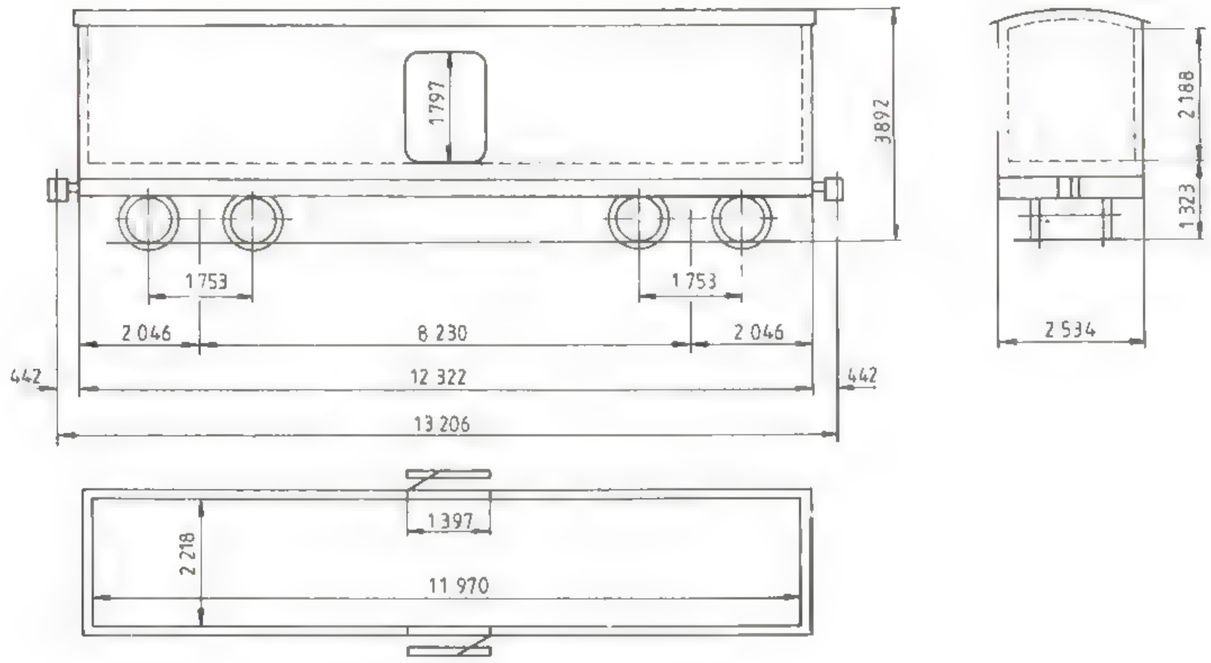
Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
79 - 058 000 / 79 - 066 283	1974-75

Converted from / Omskep van	Date / Datum

Tare (Average) kg / Tarra (Gemiddeld)	19430
Load kg / Vrag	29 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	28,6
Capacity m^3 / Inhoudsvermoë	62 5

OZ-12

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting



Remarks / Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
13-011 081	1958
13-011 391	1958
13-011 537	1958
13-011 901	1959
13-012 274	1959

Converted from / Omskep van	Date / Datum

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

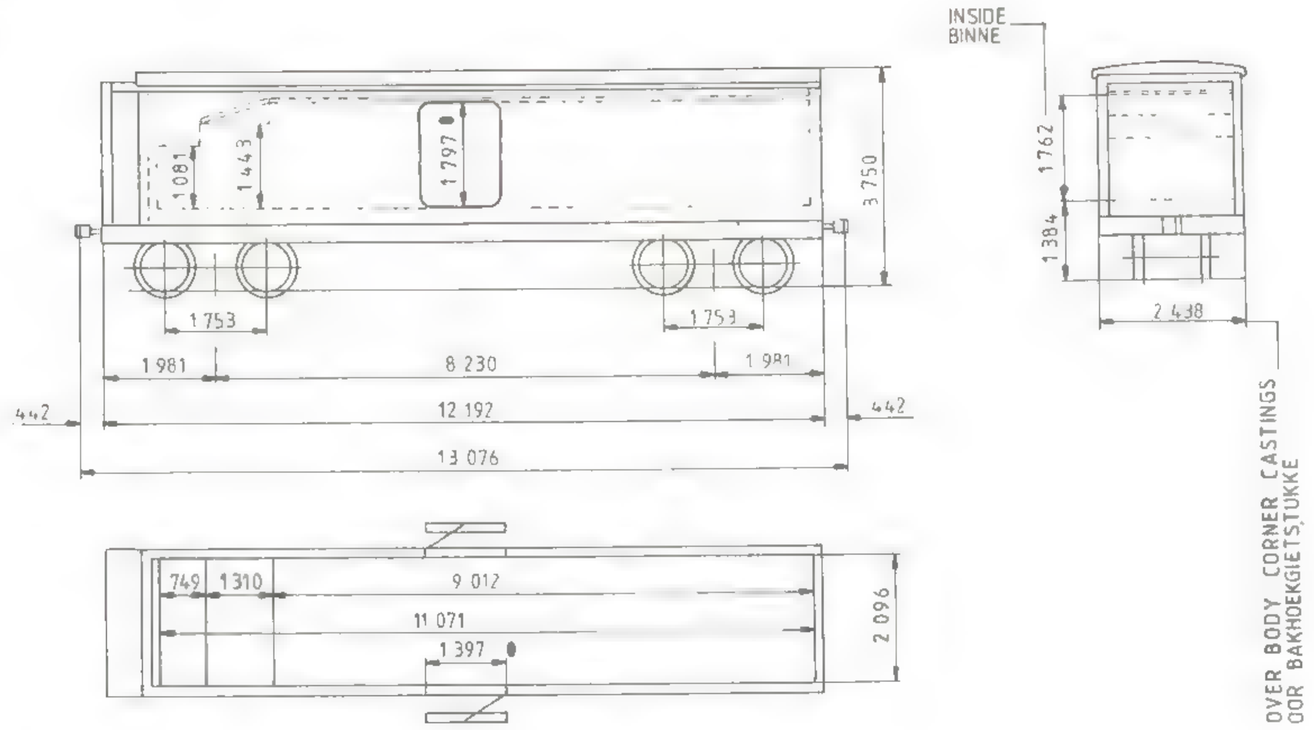
Drawing Number / Tekeningnommer	C.E. NO A 1/15921	
Bogie Type / Draaisteltipe	SARCAST	
Bearing Size / Laergrootte	10 × 5	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne		
Brake System / Remstelsel	V	
Brake Cylinders / Remsilinders	(V) 2 / 21	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 50	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 81,5 / 41	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901E	
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 300
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	60 000
Originally designed for / Oorspronklik ontwerp vir	FISH VIS
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

Tare (Average) kg / Tarra (Gemiddeld) kg	22 000
Load kg / Vrag kg	29 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	26,5
Capacity m^3 / Inhoudsvermoe m^3	58,5

PZ-2



Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
13-014 005 / 13-014 859	1950 - 78
13-014 897 / 13-014 935	1950 - 78
13-014 943 / 13-015 389	1950 - 78

Drawgear Equipment · **Trekwerkuitrusting**
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingin rigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingin rigting

Brake System - **Remstelsel**
V Vacuum / Vakuum
A Dual Power-Automatic / Tweekrag-Outomaties
L Air / Lug
R Slack Adjuster / Remversteller
D Dual Power - Manually operated / Tweekrag - Handbediening

Remarks / **Opmerkings** :- *1 DIAMOND FRAME / RUITRAAM / SARCAST
*2 LJ-1 BODY MOUNTED ON GZ-5/FB-1/OZ-8/OZ-9/OZ-11 UNDERFRAME / LJ-1 BAK GEMONTEER OP GZ-5/FB-1/OZ-8/OZ-9/OZ-11 ONDERSTEL 1989

● DOOR OPENING / DEUROPENING

Drawing Number / Tekeningnommer	CME 591/12-C99	
Bogie Type / Draaisteltipe	*1	
Bearing Size / Laergrootte	10 x 5	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6/0	
Brake System / Remstelsel	V	
Brake Cylinders / Remsilinders	(V) 2/21	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 50 / 65	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 76,01/36,36	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS	

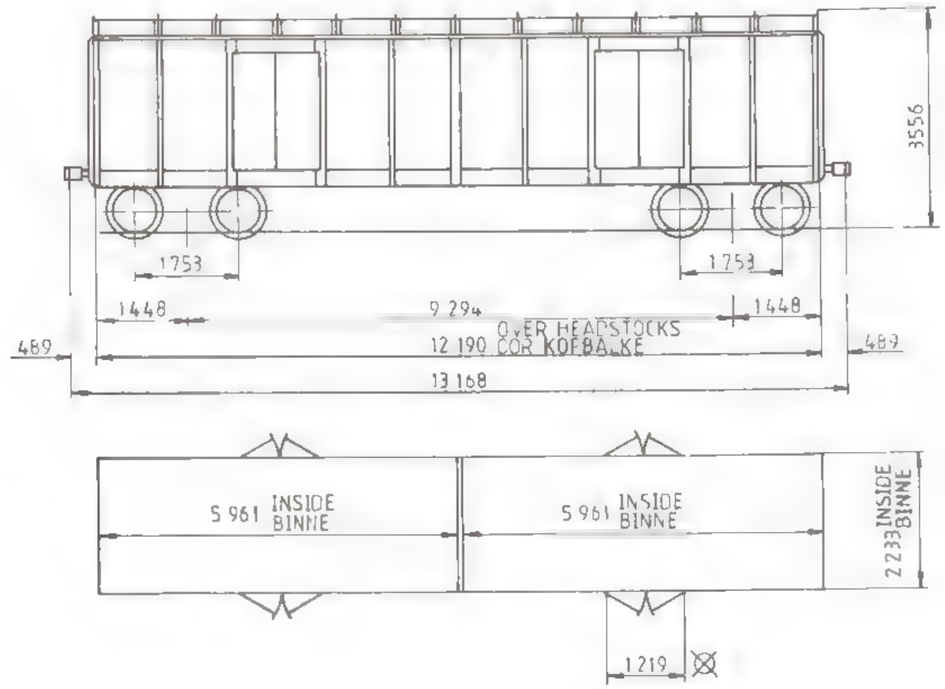
Centre of Gravity (Empty) / Swaartepunt (Leeg)	
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	60 000
Originally designed for / Oorspronklik ontwerp vir	FROZEN PRODUCTS / BEVROREPRODUKTE
Converted for / Omskep vir	FISH

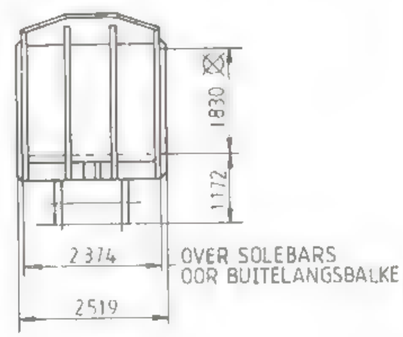
Revision / Hersiening						
Date / Datum	/					

Converted from / Omskep van	Date / Datum
*2	

Tare (Average) kg / Tarra (Gemiddeld)	22 000
Load kg / Vrag	24 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	23,2
Capacity m^3 / Inhoudsvermoe	39

PZ-4





Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
19 - 900 007 / 19 - 901 631	1971-74

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remverstelter

Remarks :- MAX. LOAD HEIGHT 1700 ABOVE FLOOR LEVEL.
Opmerkings MAKS. LAAIHOOGTE BOKANT VLOERVLAK

⊠ DOOR OPENING / DEUROPENING

Drawing Number / Tekeningnommer	CME 6040/12-000 CME 6057/12-000	
Bogie Type / Draaisteltipe	SPOORBARBER	
Bearing Size / Laergrootte	C	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/0	
Brake System / Remstelsel	V/R	
Brake Cylinders / Remsilinders	(V) 2/18	(L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 55,7/23,1	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901E	
Coupler / Yoke / Koppelaar / Juk	SASKOP-S/SAR-SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000
Originally designed for / Oorspronklik ontwerp vir	LIVESTOCK VEE
Converted for / Omskep vir	EXPLOSIVES ONTPLOFBARE STOWWE

Revision / Hersiening						
Date / Datum						

Converted from / Omskep van	Date / Datum
GZ-10	1986 - 87

Tare (Average) kg / Tarra (Gemiddeld) kg	21 300
Load kg / Vrag kg	30 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	26,62
Capacity m^3 / Inhoudsvermoë m^3	45,2

QAJ-1

/97

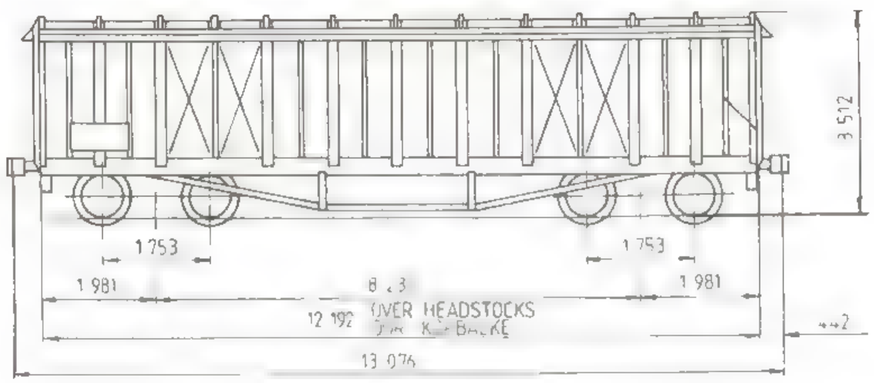
Drawgear Equipment · Trekwerkuitrusting

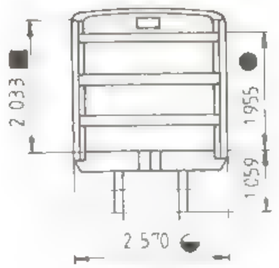
KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussingrigting

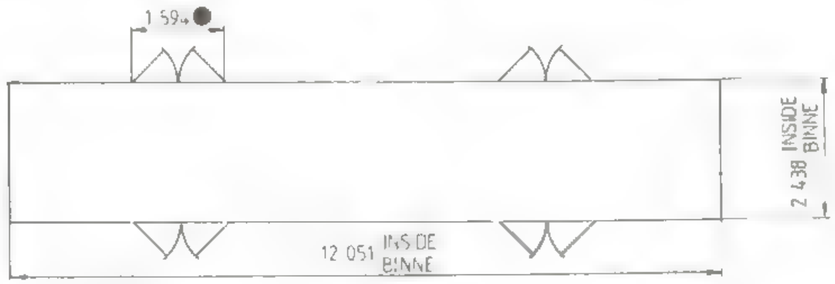
SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power-Automatic / Tweekrag-Outomaties
■ Slack Adjuster / Remverstelleer







● OVER STANCHIONS DOR STYLE

● DOOR OPENING DEUROPENING

■ BOTTOM OF CANTRAIL ONDERKANT VAN KANTRELING

Remarks / Opmerkings: FITTED WITH CEILING / MET PLAFON GEPAS

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
19-800 002 / 19-803 850	1969 / 19.5

Converted from / Omskep van	Date / Datum
FP 2,6	1986

Drawing Number / Tekeningnommer	W 1/2005	Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 070
Bogie Type / Draaisteltipe	SPOORBARGER / HS Mk III		
Bearing Size / Laergrootte	C		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6/2		
Brake System / Remstelsel	V		
Brake Cylinders / Remsilinders	(V) 2,21	(L)	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor: 60 000
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir: PARCELS / PAKKETTE
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 84 / 31	(L)	Converted for / Omskep vir: AMMUNITION / AMMUNISIE
Drawgear Equipment / Trekwerkuitrusting	[illegible] MK1E		
Coupler / Yoke / Koppelaar / Juk	SASKOP / SAR-SAS		

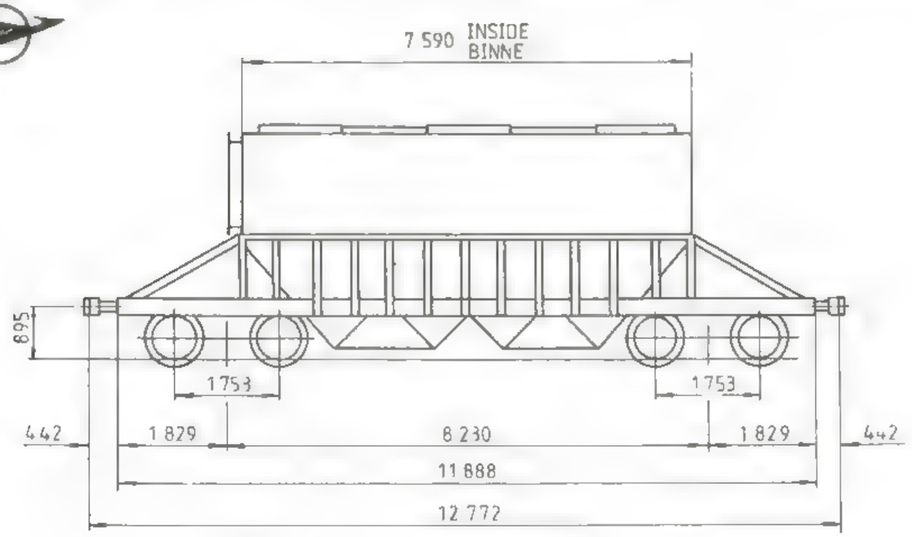
Revision / Hersiening						
Date / Datum						

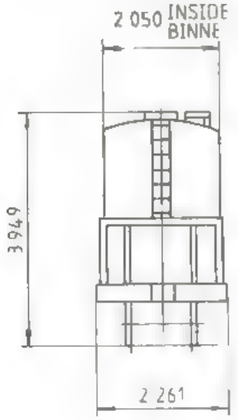
Tare (Average) kg / Tarra (Gemiddeld)	19 731
Load kg / Vrag	30 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	29
Capacity m^3 / Inhoudsvermoe	65

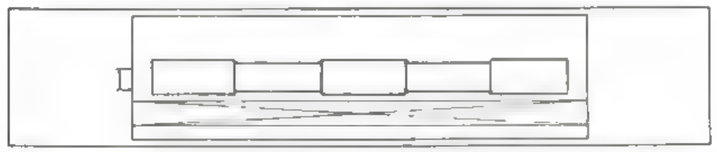
QB-1

OZALID 84 2948

08-84







Drawgear Equipment · Trekwerkuitrusting

KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power-Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remversteller

Remarks / Opmerkings

*1 RECODED FROM FKJ-1 / HERKODEER VAN FKJ-1 } 1986
*2 RECODED FROM FKJ-3 / HERKODEER VAN FKJ-3 }

CONTINJOUS ROOF DOOR OPENING / AANEENLOPENDE DAKDEUROPENING 6 990 × 534 * 2

*3

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
19-600 003 & 19-600 011 *1	1977
19-600 038 / 19-601 204 *2	1977
19-600 212 / 19-601 654 *3	1958-59

Converted from / Omskep van	Date / Datum
AZJ-4	1989

Drawing Number / Tekeningnommer	CME 4559/12-000		
Bogie Type / Draaisteltipe	SPOORBARBER		
Bearing Size / Laergrootte	D		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10		
Brake System / Remstelsel	V		
Brake Cylinders / Remsilinders	(V) 2/18	(L)	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) –	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 72 5/23 5	(L) –	
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS		

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 016						
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	74 000						
Originally designed for / Oorspronklik ontwerp vir	IRON ORE / YTERERTS						
Converted for / Omskep vir	AMMONIUM NITRATE / AMMONIUMNITRAAT						
Revision / Hersiening							
Date / Datum							

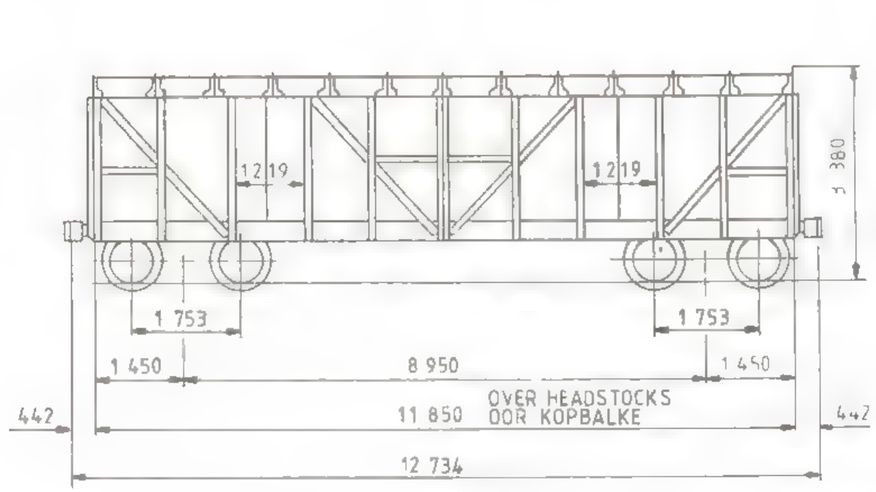
Tare (Average) kg / Tarra (Gemiddeld)	23 580
Load kg / Vrag	36 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	
Capacity m^3 / Inhoudsvermoe	45

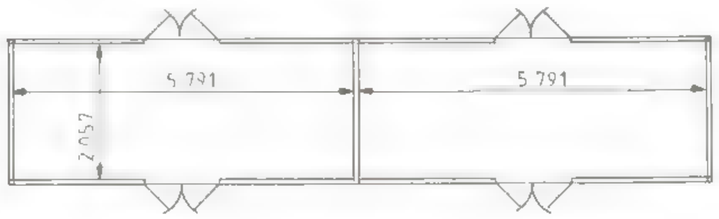
QCJ-1

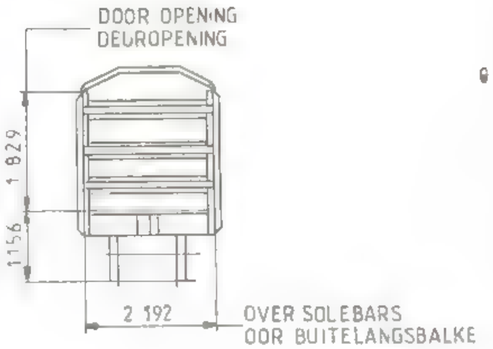
199

Drawgear Equipment · Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingmrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingmrigting

Brake System · Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power-Automatic / Tweekrag-Outomaties
R Stack Adjuster / Remversteller







Remarks / Opmerkings: MAX. LOAD HEIGHT / MAKS. LAAIHOOGTE 1 700 ABOVE FLOOR LEVEL / BOKANT VLOERVLAK

RECODED FROM / HERKODEER VAN QZ-2 1989

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
19-010 559 / 19-011 644 19-011 652 / 19-012 195	1975 76 1977

Converted from / Omskep van	Date / Datum

Drawing Number / Tekeningnommer	W 001 / F 018
Bogie Type / Draaisteltipe	SPOORBARBER HS Mk III
Bearing Size / Laergrootte	C HD
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	8/2 HD 10/4
Brake System / Remstelsel	V/R
Brake Cylinders / Remsilinders	(V) 2/15 (L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 70,47/27,98 (L)
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 054
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	80000
Originally designed for / Oorspronklik ontwerp vir	EXPLOSIVES / ONTPLOFBARE STOWWE
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

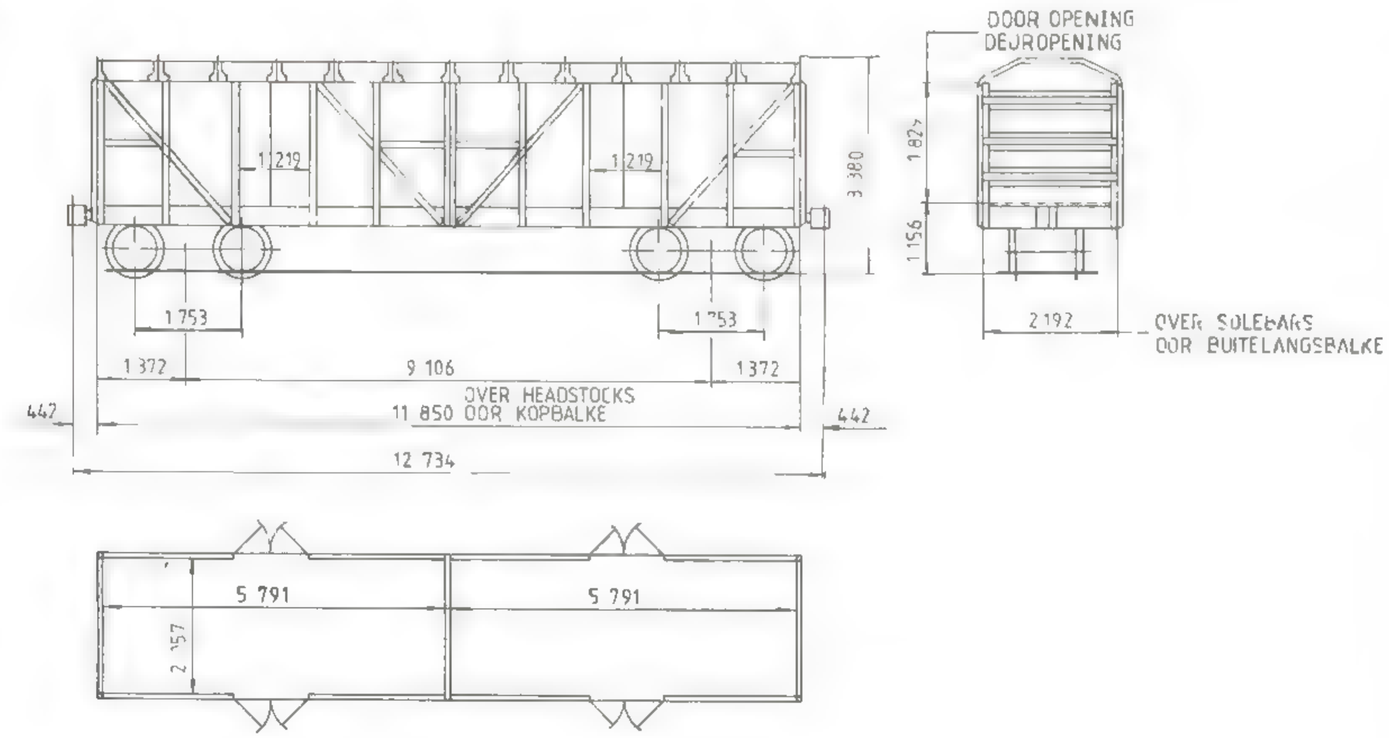
Tare (Average) kg / Tarra (Gemiddeld) kg	19 760
Load kg / Vrag kg	3[illegible]00
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	33.82
Capacity m^3 / Inhoudsvermoë m^3	40.49

QZJ-2

OZALID 85 2948

08-85

200



Remarks :- MAX LOAD HEIGHT 1 700 ABOVE FLOOR LEVEL
Opmerkings :- MAKS LAAIHOOGTE 1 700 BOKANT VLOERVLAK

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
19-010 001 / 19-010 540	1971

Converted from Omskep van	Date Datum

Drawing Number Tekeningnommer	W.001/D003		
Bogie Type Draaisteltipe	SPOORBARBER		
Bearing Size Laergrootte	C		
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	8/2		
Brake System Remstelsel	V		
Brake Cylinders Remsilinders	(V) 2/18	(L)	
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)	
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 81,84 / 31,55	(L)	
Drawgear Equipment Trekwerkuitrusting	AAR M 901E		
Coupler / Yoke Koppelaar / Juk	SASKOP-S / SAR SAS		

Centre of Gravity (Empty) Swaartepunt (Leeg)	1 053		
Design Limit – Mass on Rail kg Ontwerplimiet – Massa op Spoor	60 000		
Originally designed for Oorspronklik ontwerp vir	EXPLOSIVES ONTPLOFBARE STOWWE		
Converted for Omskep vir			

Revision Hersiening						
Date Datum						

Tare (Average) kg Tarra (Gemiddeld)	18 820
Load kg Vrag	30 000
Load (Coal) kg Vrag (Steenkool)	
Floor Area m^2 Vloeroppervlakte	23,82
Capacity m^3 Inhoudsvermoë	40,49

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device
Koppelaar hidroulliese kussingmrigting
SSC Centre sill hydraulic cushioning device
Middelbalk hidroulliese kussingmrigting

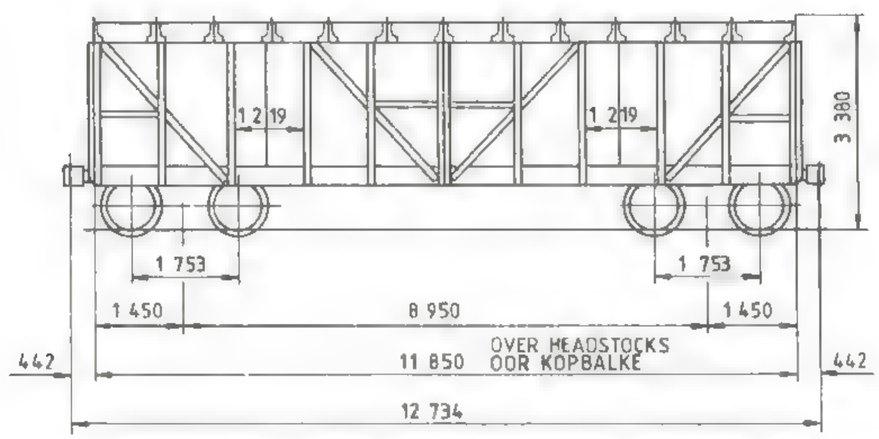
Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

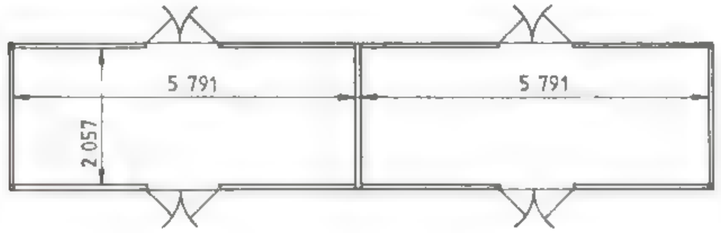
QZ-1

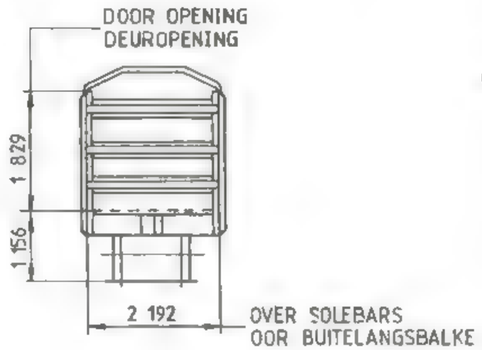
201

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power – Manually operated / Tweekrag – Handbediening







Remarks / Opmerkings: MAX LOAD HEIGHT / MAKS LAAIHOOGTE 1 700 ABOVE FLOOR LEVEL / BOKANT VLOERVLAK

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
19-010 559 / 19-011 644	1975-76
19-011 652 / 19-012 195	1977

Converted from / Omskep van	Date / Datum

Drawing Number / Tekeningnommer	W 001 / F 018		
Bogie Type / Draaisteltipe	SPOORBARBER HS MK III		
Bearing Size / Laergrootte	C D		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	8/2 10/4		
Brake System / Remstelsel	V/R		
Brake Cylinders / Remsilinders	(V) 2/15	(L)	
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V)70,47/27,98	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS		

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 053
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	60 000
Originally designed for / Oorspronklik ontwerp vir	EXPLOSIVES / ONTPLOFBARE STOWWE
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

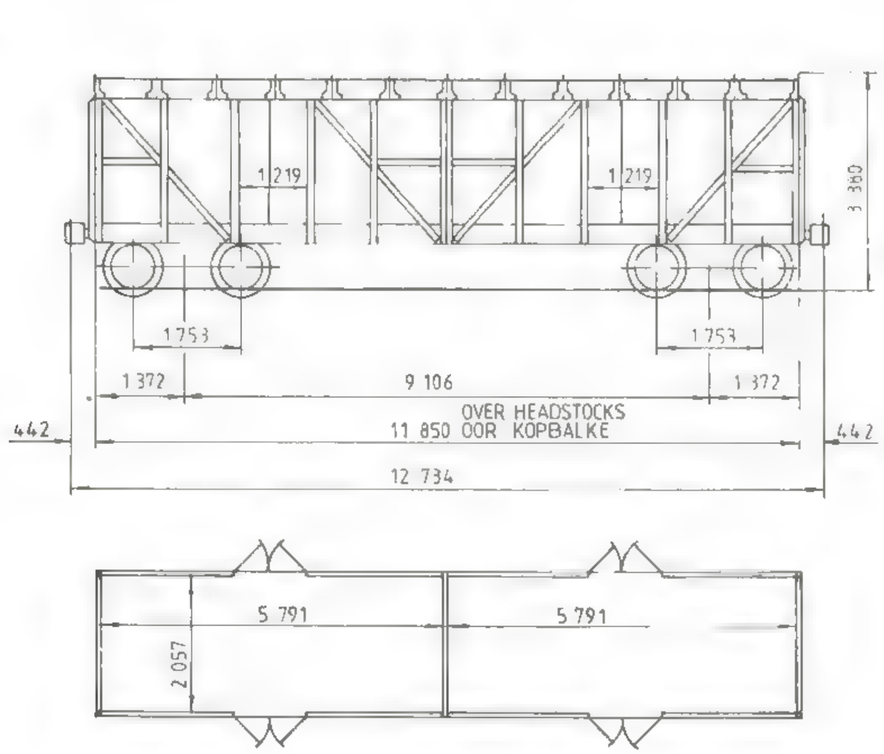
Tare (Average) kg / Tarra (Gemiddeld) kg	19 760
Load / Vrag kg	30 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area / Vloeroppervlakte m^2	23,82
Capacity / Inhoudsvermoë m^3	40,49

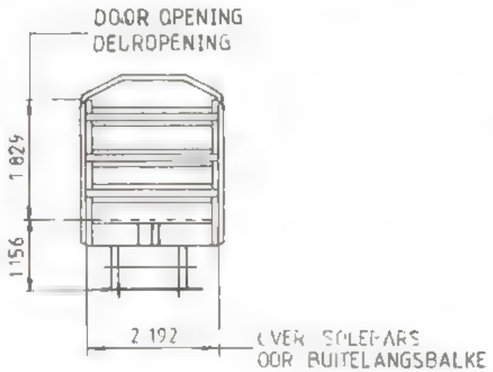
QZ-2

202

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening





Remarks / Opmerkings :- MAX.LOAD HEIGHT 1 700 ABOVE FLOOR LEVEL / MAKS LAAIHOOGTE 1 700 BOKANT VLOERVLAK

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
19 - 010 001 / 19 - 010 540	1971

Converted from / Omskep van	Date / Datum
QZ - 1	1982 -

Drawing Number / Tekeningnommer	W. 001 / D003		
Bogie Type / Draaisteltipe	SPOORBARBER		
Bearing Size / Laergrootte	C		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	8 / 2		
Brake System / Remstelsel	V		
Brake Cylinders / Remsilinders	(V) 2 / 18	(L)	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 62,87/24,24	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR SAS		

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 053
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000
Originally designed for / Oorspronklik ontwerp vir	EXPLOSIEVES ONTPLOFBARE STOWWE
Converted for / Omskep vir	

Revision / Hersiening							
Date / Datum							

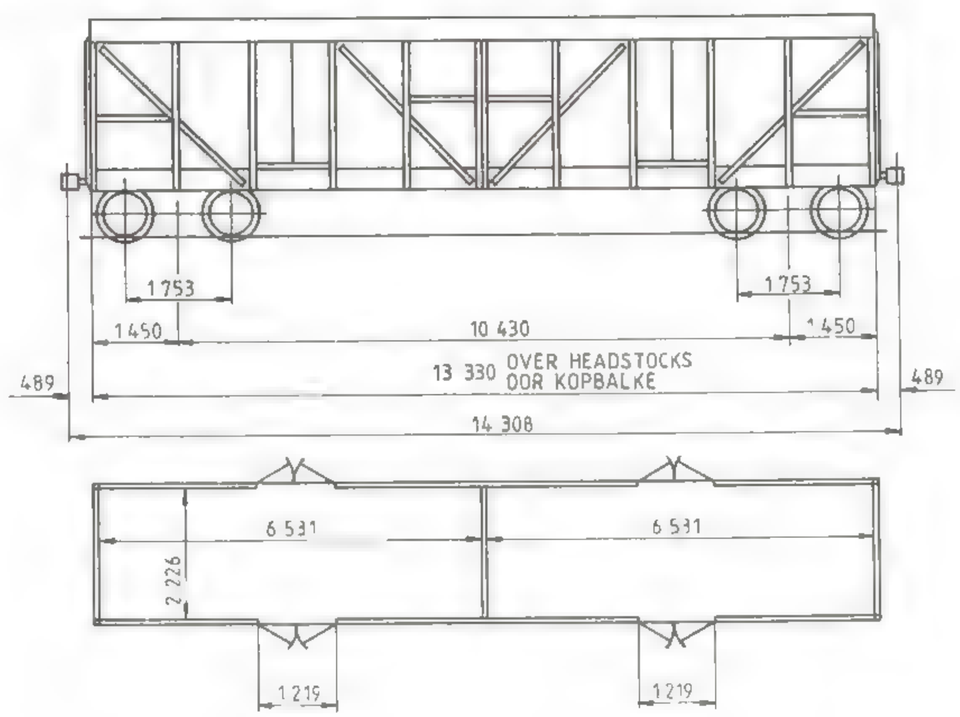
Tare (Average) kg / Tarra (Gemiddeld) kg	18 820
Load kg / Vrag kg	30 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	23,82
Capacity m^3 / Inhoudsvermoë m^3	40,49

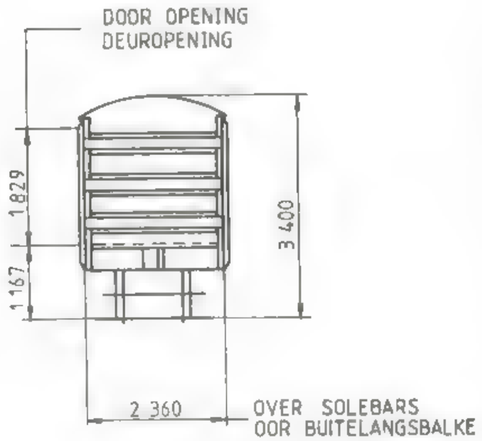
QZJ - 1

203

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussinginrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening





Remarks / Opmerkings : MAX. LOAD HEIGHT / MAKS. LAAIHOOGTE 1 700 ABOVE FLOOR LEVEL / BOKANT VLOERVLAK

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
19-012 209 / 19-013 280	1981 - 82

Converted from / Omskep van	Date / Datum

Drawing Number / Tekeningnommer	W.001 / F.031
Bogie Type / Draaisteltipe	HS Mk VII
Bearing Size / Laergrootte	D
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	[illegible]
Brake System / Remstelsel	[illegible]
Brake Cylinders / Remsilinders	(V) 2 18 (L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65 (L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) [illegible] (L)
Drawgear Equipment / Trekwerkuitrusting	SAR M 901 E
Coupler / Yoke / Koppelaar / Juk	E / SAR AS

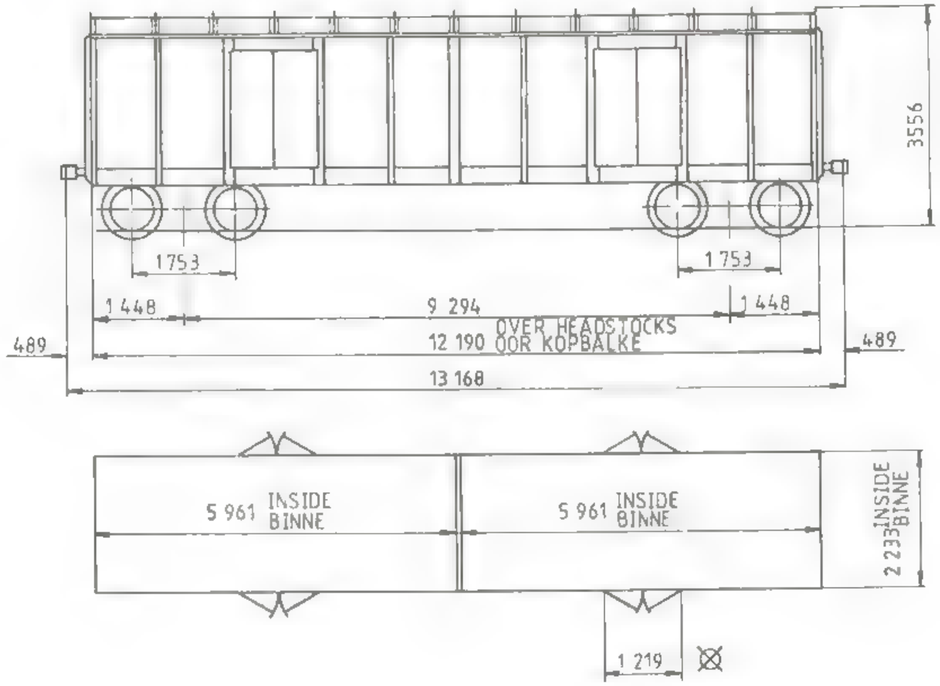
Centre of Gravity (Empty) / Swaartepunt (Leeg)	958
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000
Originally designed for / Oorspronklik ontwerp vir	EXPLOSIVES / ONTPLOFBARE STOWWE
Converted for / Omskep vir	

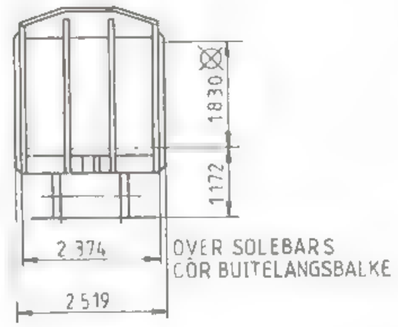
Revision / Hersiening						
Date / Datum						

Tare (Average) kg / Tarra (Gemiddeld) kg	21 000
Load kg / Vrag kg	50 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	2[illegible]
Capacity m^3 / Inhoudsvermoe m^3	[illegible]2

QZJ-3

204





Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidroulies kussingrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidroulies kussingrigting

Brake System - Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
19-013 302 / 19-015 496	1971 - 74

Remarks / Opmerkings :- MAX. LOAD HEIGHT 1700 ABOVE FLOOR LEVEL / MAKS. LAAIHOOGTE 1700 BOKANT VLOERVLAK.

⊠ DOOR OPENING / DEUROPENING

Drawing Number / Tekeningnommer	CME 6040/12-000 CME 6057/12-000	
Bogie Type / Draaisteltipe	SPOORBARBER	
Bearing Size / Laergrootte	C	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 0	
Brake System / Remstelsel	V/R	
Brake Cylinders / Remsilinders	(V) 2 / 18	(L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 55,7 / 23,1	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901E	
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR-SAS	

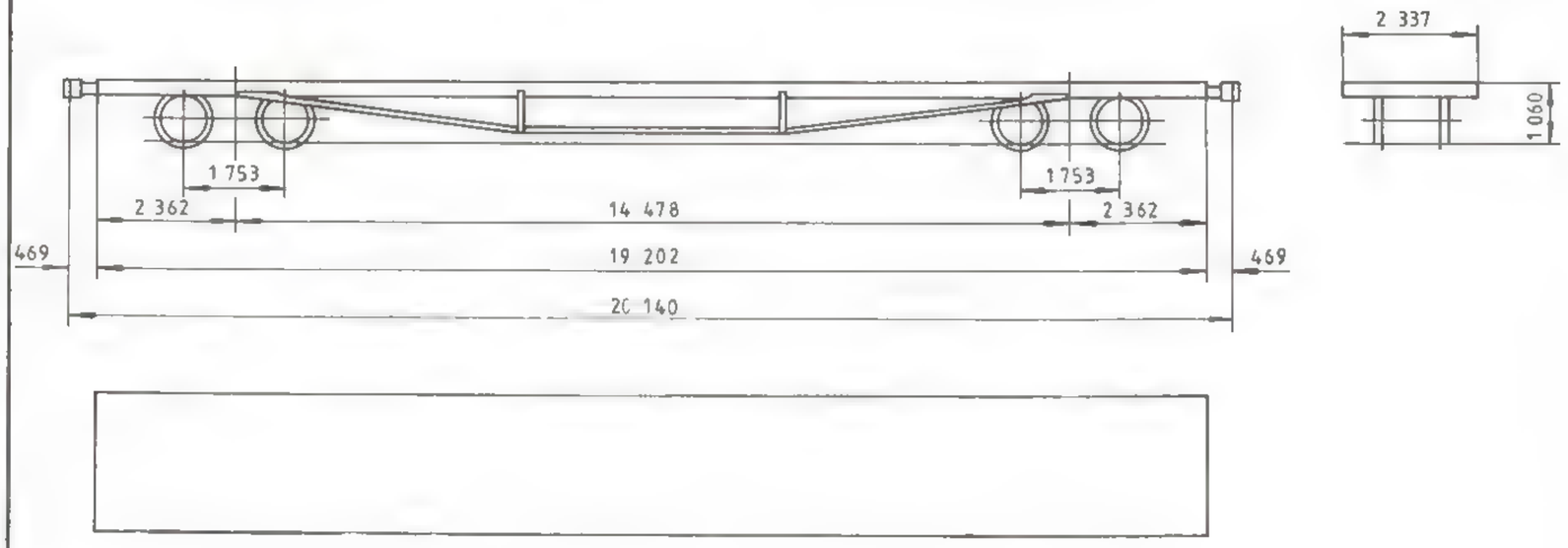
Centre of Gravity (Empty) / Swaartepunt (Leeg)	
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	60 000
Originally designed for / Oorspronklik ontwerp vir	LIVESTOCK / VEE
Converted for / Omskep vir	EXPLOSIVES / ONTPLOFBARE STOWWE

Revision / Hersiening						
Date / Datum						

Converted from / Omskep van	Date / Datum
GZ 10	1984 - 86
Tare (Average) kg / Tarra (Gemiddeld) kg	21 300
Load kg / Vrag kg	30 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	26,62
Capacity m^3 / Inhoudsvermoë m^3	45,2

QZJ-4

305



Remarks :- *1 DIAMOND FRAME / RUITRAAM
Opmerkings SARCAST
CANCAR

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
17-011 000 / 17-011 124	1939

Converted from / Omskep van	Date / Datum

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

Drawing Number / Tekeningnommer	W. 9846	
Bogie Type / Draaisteltipe	*1	
Bearing Size / Laergrootte	11×5 1/2	
Springs per Bogie / Vere per Draaistel — Outer / Buite — Inner / Binne	6/6	
Brake System / Remstelsel	V	
Brake Cylinders / Remsilinders	(V) 2/24	(L)
Train Pipe / Treinpyp — Brake Pipe / Rempyp	(V) 65(50)	(L)
Brake Percentage / Rempersentasie — Empty / Leeg — Loaded / Met Vrag	(V) 105,6 / 31,2	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP-M/-	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	609
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	ABNORMAL LOADS / ABNORMALE VRAGTE
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

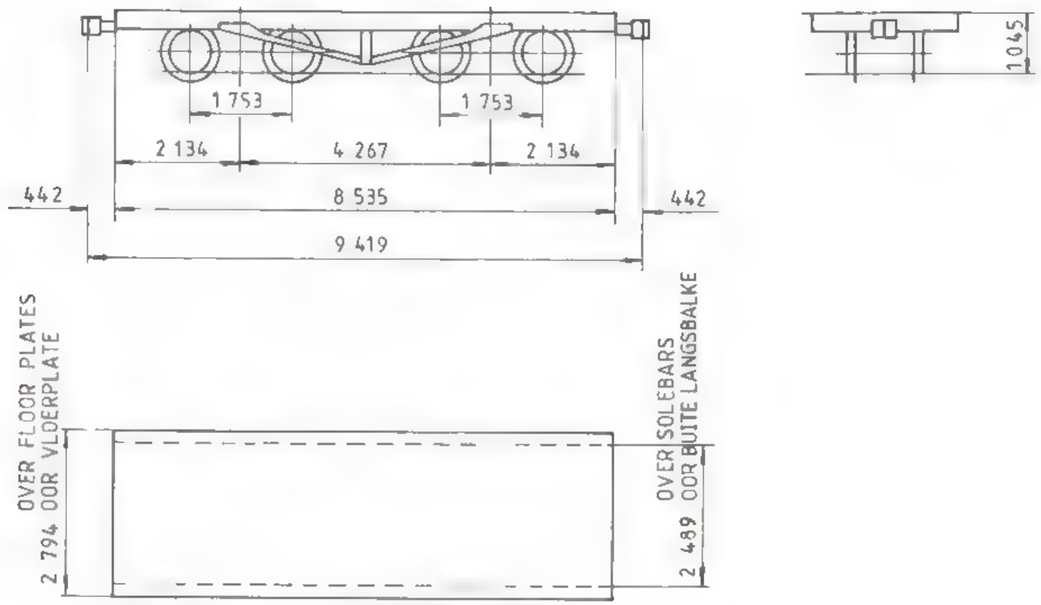
Tare (Average) kg / Tarra (Gemiddeld) kg	19 300
Load kg / Vrag kg	46 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	45
Capacity m^3 / Inhoudsvermoë m^3	

S-2

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting

SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting



Remarks / Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
17-012 368	1967
17-012 384	1967
17-012 546	1967
17-012 554	1967

Converted from / Omskep van	Date / Datum

Brake System - Remsteisel

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

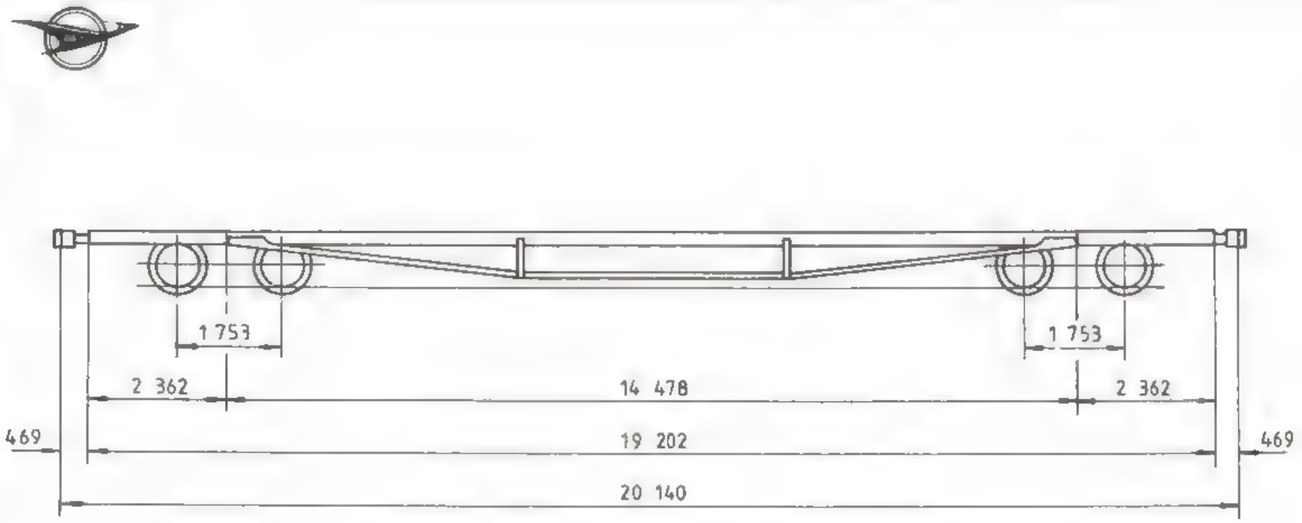
Drawing Number / Tekeningnommer	W.1/20071	
Bogie Type / Draaisteltipe	SARCAST	
Bearing Size / Laergrootte	11×5½	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6/6	
Brake System / Remsteisel	V	
Brake Cylinders / Remsilinders	(V) 1/21	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65 (50)	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 94,5 / 26	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS	

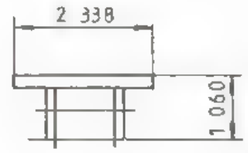
Centre of Gravity (Empty) / Swaartepunt (Leeg)	609
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	ABNORMAL LOADS / ABNORMALE VRAGTE
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

Tare (Average) kg / Tarra (Gemiddeld) kg	14 750
Load kg / Vrag kg	39 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	23,85
Capacity m^3 / Inhoudsvermoë m^3	

S-3





Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidroulies kussingrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidroulies kussingrigting

Brake System - Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
S Slack Adjuster / Remversteller

Remarks / Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
17-014 018 / 17-014 212	1980-81

Converted from / Omskep van	Date / Datum

Drawing Number / Tekeningnommer	W001/F028		
Bogie Type / Draaisteltipe	HS MK VII		
Bearing Size / Laergrootte	D		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10		
Brake System / Remstelsel	V/R		
Brake Cylinders / Remsilinders	(V) 2/18	(L)	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 55	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 86,5/23,2	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M901E		
Coupler / Yoke / Koppelaar / Juk	SASKOP-M / -		

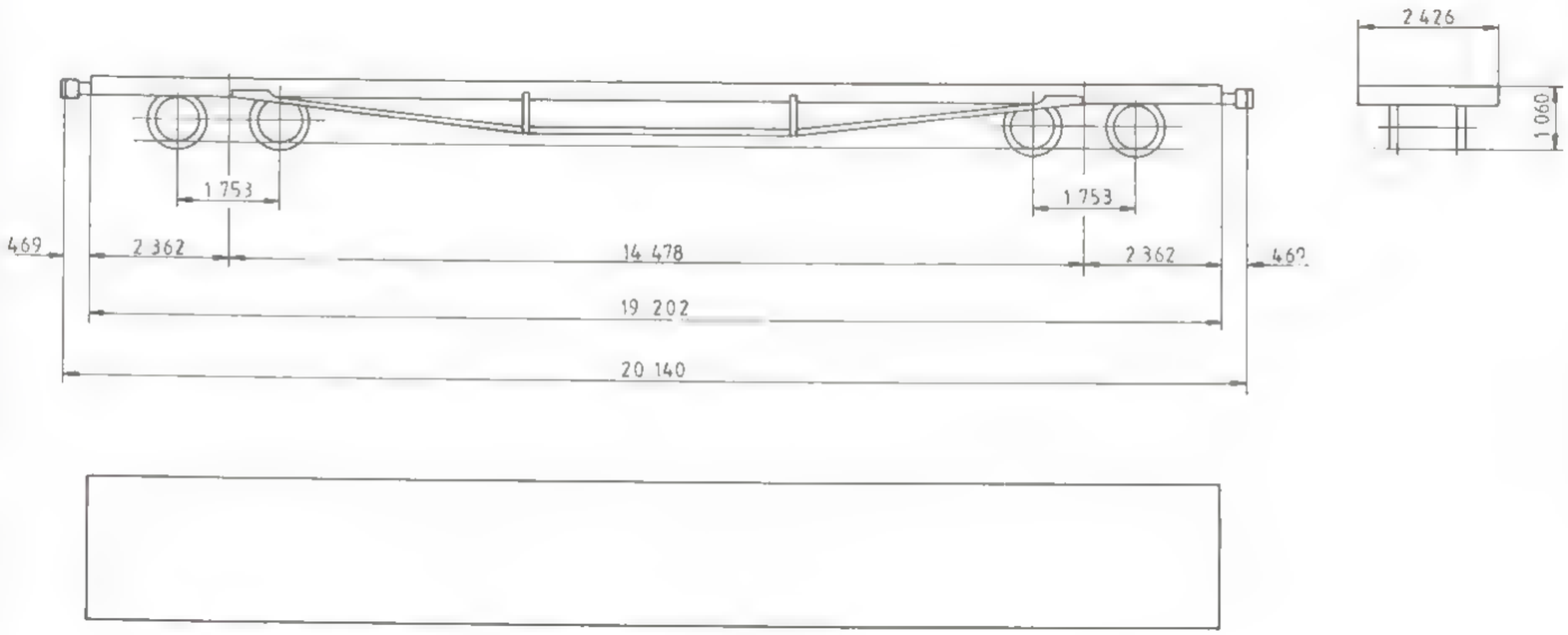
Centre of Gravity (Empty) / Swaartepunt (Leeg)	676
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	ABNORMAL LOADS / ABNORMALE VRAGTE
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

Tare (Average) kg / Tarra (Gemiddeld)	19 800
Load kg / Vrag	54 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	44,9
Capacity m^3 / Inhoudsvermoë	

S-4

208



Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel

V Vacuum Vakuum
L Air Lug
D Dual Power - Manually operated Tweekrag - Handbediening
A Dual Power - Automatic Tweekrag - Outomaties
R Slack Adjuster Remversteller

Remarks
Opmerkings :-

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
17-013 003 / 17-013 089	1959
Converted from Omskep van	Date Datum

Drawing Number Tekeningnommer	CME 122/12-A21	
Bogie Type Draaisteltipe	SARCAST	
Bearing Size Laergrootte	11 × 5½	
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	6/6	
Brake System Remstelsel	V	
Brake Cylinders Remsilinders	(V) 2/21	(L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65(50)	(L)
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 83,6/25,4	(L)
Drawgear Equipment Trekwerkuitrusting	AAR M 901 E	
Coupler / Yoke Koppelaar / Juk	SASKOP-M / SAR SAS	

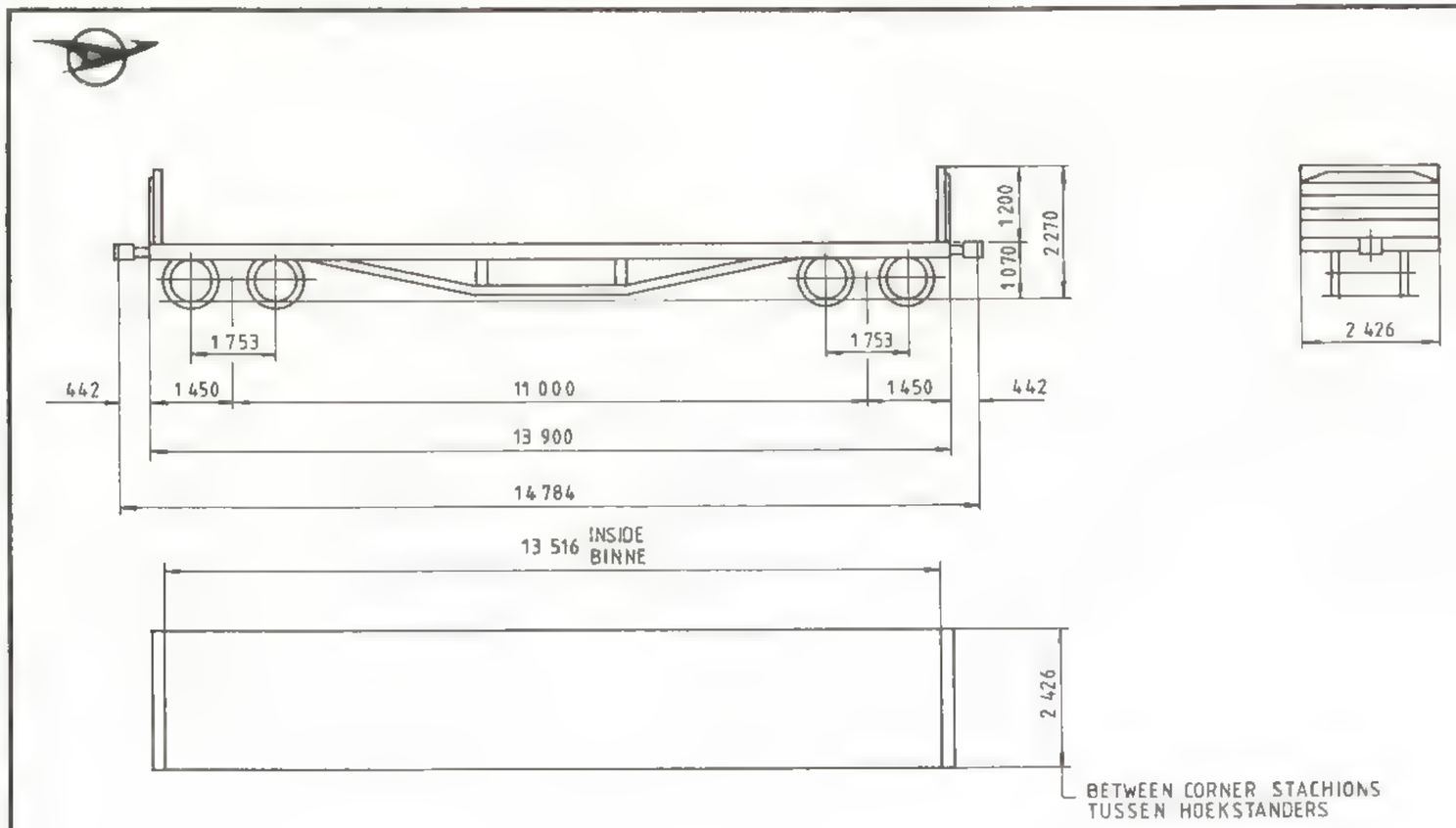
Centre of Gravity (Empty) Swaartepunt (Leeg)	609
Design Limit – Mass on Rail kg Ontwerplimiet – Massa op Spoor	74 000
Originally designed for Oorspronklik ontwerp vir	ABNORMAL LOADS ABNORMALE VRAGTE
Converted for Omskep vir	

Revision Hersiening						
Date Datum						

Tare (Average) kg Tarra (Gemiddeld)	20 100
Load kg Vrag	46 000
Load (Coal) kg Vrag (Steenkool)	
Floor Area m^2 Vloeroppervlakte	46,6
Capacity m^3 Inhoudsvermoë	

S-17

209



Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
Dual Power-Automatic / Tweekrag-Outomaties
Slack Adjuster / Remversteller
Vacuum / Vakuum
Air / Lug
Dual Power - Manually operated / Tweekrag - Handbediening

Remarks
Opmerkings

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
17-801 117	1990

Converted from / Omskep van	Date / Datum
NPS-5	1990

Drawing Number / Tekeningnommer	RS 481/12-920		
Bogie Type / Draaisteltipe	SPOORBARBER		
Bearing Size / Laergrootte	D		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10		
Brake System / Remstelsel	V/R		
Brake Cylinders / Remsilinders	(V) 2/18	(L)	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V)	(L)	
Drawgear Equipment / Trekwerkultrusting	AAR M901E		
Coupler / Yoke / Koppelaar / Juk	SASKOP-S/ SAR SAS		

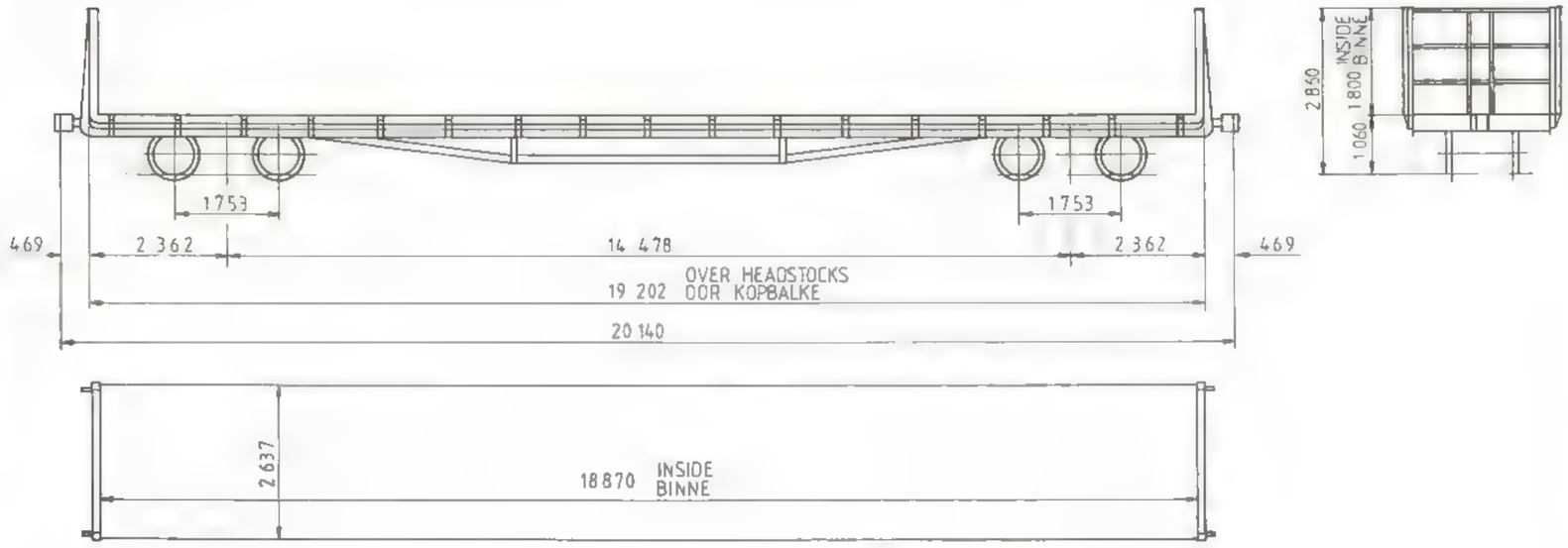
Centre of Gravity (Empty) / Swaartepunt (Leeg)	754
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	CEMENT PALLETS / SEMENTPALLETTE
Converted for / Omskep vir	

Revision / Hersiening							
Date / Datum							

Tare (Average) kg / Tarra (Gemiddeld)	17 850
Load kg / Vrag	54 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	32 7
Capacity m^3 / Inhoudsvermoe	39

SB-1

2/0



Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
17 - 802 210	1969
17 - 802 229	1970

Remarks
Opmerkings

Drawgear Equipment · Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussinginrigting

Brake System · Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power-Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remversteller

Drawing Number / Tekeningnommer	RS A012_001_C99	
Bogie Type / Draaisteltipe	SPOORBARBER	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / inner / Vere per Draaistel Buite / Binne	10 / 8	
Brake System / Remstelsel	V	
Brake Cylinders / Remsilinders	(V) 2 / 21	(L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 74 / 22	(L) —
Drawgear Equipment / Trekwerkuitrusting	AAR M 901E	
Coupler / Yoke Koppelaar / Juk	SASKOP - M /	SAR SAS

Centre of Gravity (Empty) Swaartepunt (Leeg)	
Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor	
Originally designed for Oorspronklik ontwerp vir	ABNORMAL LOADS ABNORMALE VRAGTE
Converted for Omskep vir	TIMBER AND PAPER HOUT EN PAPIER

Revision / Hersiening						
Date / Datum						

Converted from Omskep van	Date Datum
NPS 1	1990

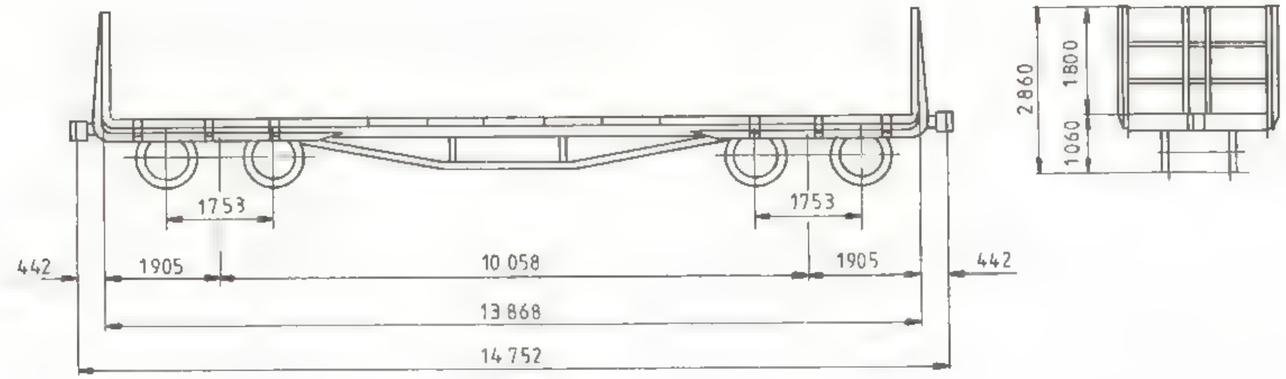
Tare (Average) kg Tarra (Gemiddeld)	22 100
Load kg Vrag	51 000
Load (Coal) kg Vrag (Steenkool)	
Floor Area m^2 Vloeroppervlakte	49,8
Capacity m^3 Inhoudsvermoe	

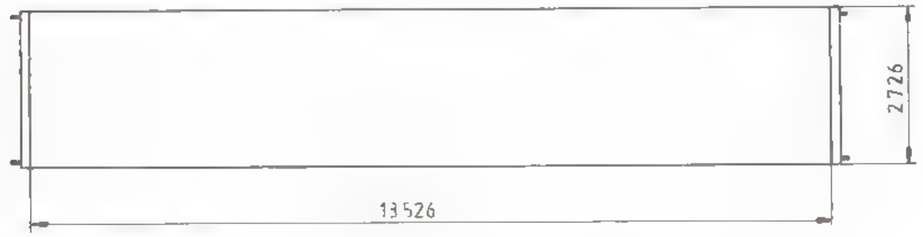
SB -3

211

Drawgear Equipment - Trekwerkuitrusting
K/K Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power-Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remversteller





Remarks
Opmerkings

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
17-804 213 / 17-804 434	1936 - 1967

Converted from / Omskep van	Date / Datum
NPS-2	1991

Drawing Number / Tekeningnommer	RS A048_001_C99		
Bogie Type / Draaisteltipe	SPOORBARBER		
Bearing Size / Laergrootte			
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne			
Brake System / Remstelsel	V		
Brake Cylinders / Remsilinders	(V) 2/21	(L)	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65 (50)	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V)	(L)	
Drawgear Equipment / Trekwerkuitrusting	AARM901E		
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS		

Centre of Gravity (Empty) / Swaartepunt (Leeg)	
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	[illegible]
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE [illegible]
Converted for / Omskep vir	TIMBER AND PAPER / HOUT EN PAPIER

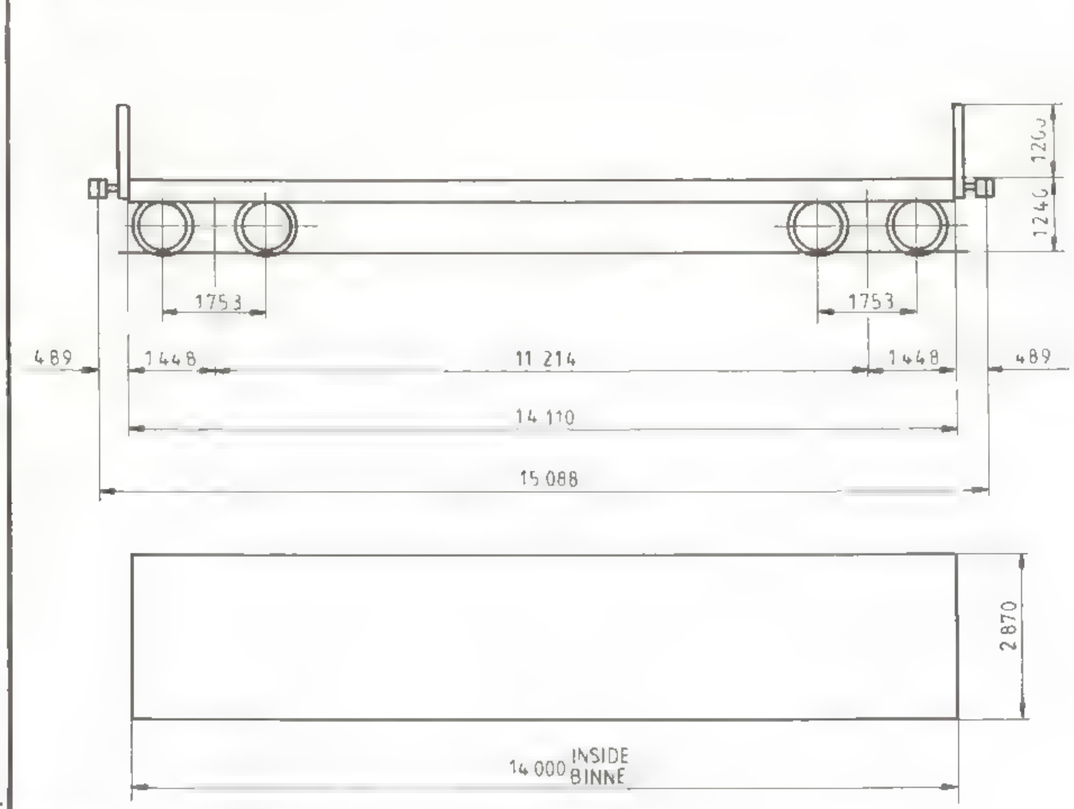
Revision / Hersiening							
Date / Datum							

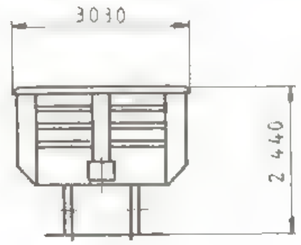
Tare (Average) kg / Tarra (Gemiddeld)	
Load kg / Vrag	44 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	36,87
Capacity m^3 / Inhoudsvermoe	

SB-4

OZALID 85 2948

08-85





Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device / Koppelaar hidroulliese kussinginrigting

SSC Centre sill hydraulic cushioning device / Middelbalk hidroulliese kussinginrigting

Brake System - Remstelsel

V Vacuum / Vakuum
L Air / Lug
□ Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power-Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remversteller

Remarks / Opmerkings X1 DOORS AND STANCHIONS REMOVED / DEURE EN STANDERS VERWYDER

Drawing Number / Tekeningnommer	W 001 / D 081 X1	
Bogie Type / Draaisteltipe	HS MK VII	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 10	
Brake System / Remstelsel	L/V/R	
Brake Cylinders / Remsilinders	(V) 2 / 21"	(L) 1 / 10 x 12
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) 32
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 76,6 / 20,1	(L) 69,7 / 20,1
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	E / E	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	800
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	80 000
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE
Converted for / Omskep vir	PULP AND NOVABOARD / PULP EN NOVABORD

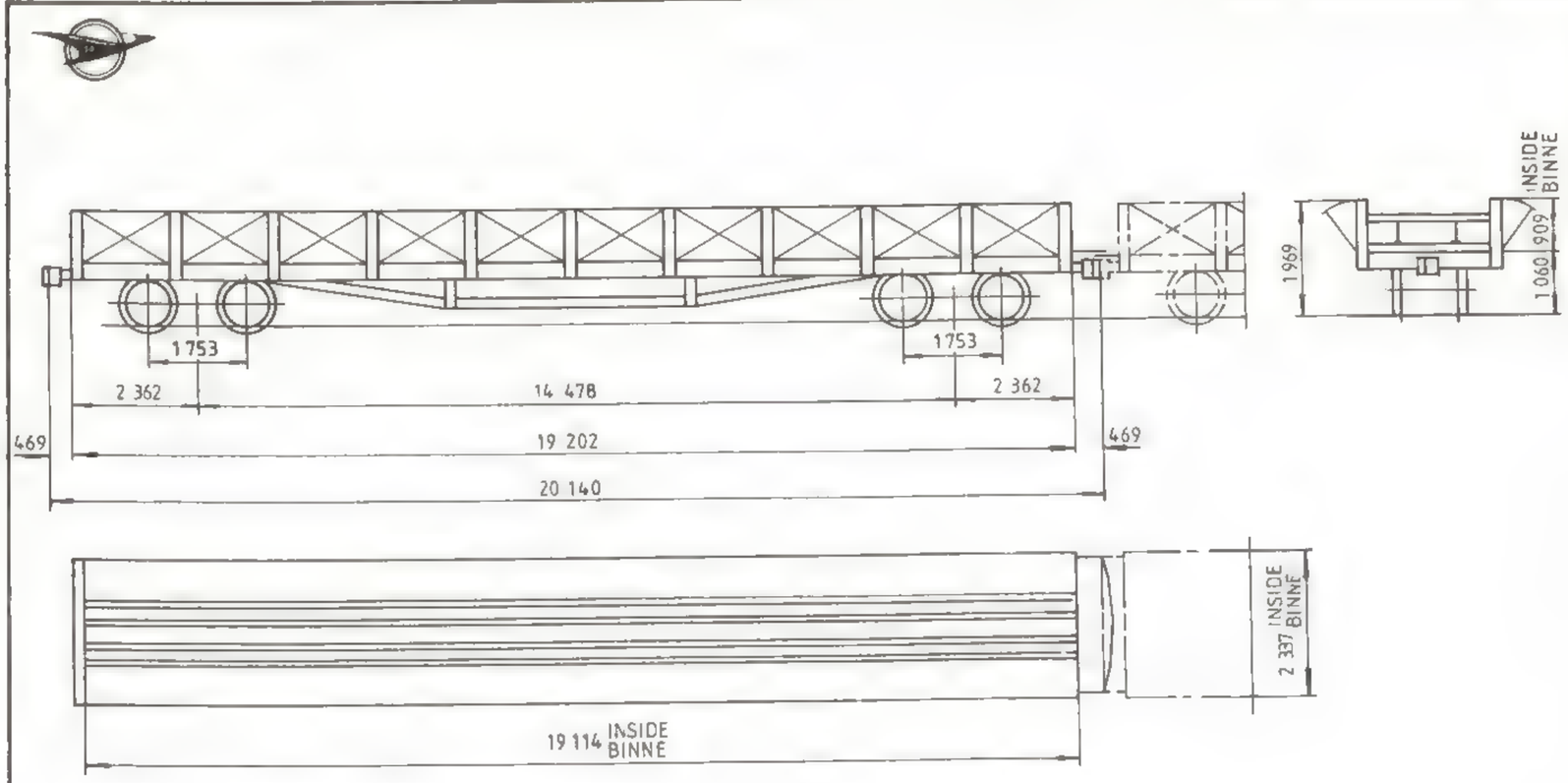
Revision / Hersiening						
Date / Datum						

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
17-801 125 / 17-801 834	1985 - 87

Converted from / Omskep van	Date / Datum
DGLJ 1	1990
Tare (Average) kg / Tarra (Gemiddeld) kg	21 000
Load kg / Vrag kg	58 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	40.2
Capacity m^3 / Inhoudsvermoe m^3	

SBLJ-2

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingrigting



Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Remarks / Opmerkings :- WAGONS NORMALLY COUPLED IN PAIRS / TROKKE NORMAALWEG IN PARE GEKOPPEL

Drawing Number / Tekeningnommer	CME 3486/12-000	
Bogie Type / Draaisteltipe	HS. MK. III, HS. MK VII	
Bearing Size / Laergrootte	■	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	8/0	
Brake System / Remstelsel	V/R	
Brake Cylinders / Remsilinders	(V) 2/15	(L) —
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L) —
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 38,4/27,1	(L) —
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP-M / SAR SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	720
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	ABNORMAL LOADS / ABNORMALE VRAGTE
Converted for / Omskep vir	MOTOR CARS / MOTORKARRE

Revision / Hersiening						
Date / Datum						

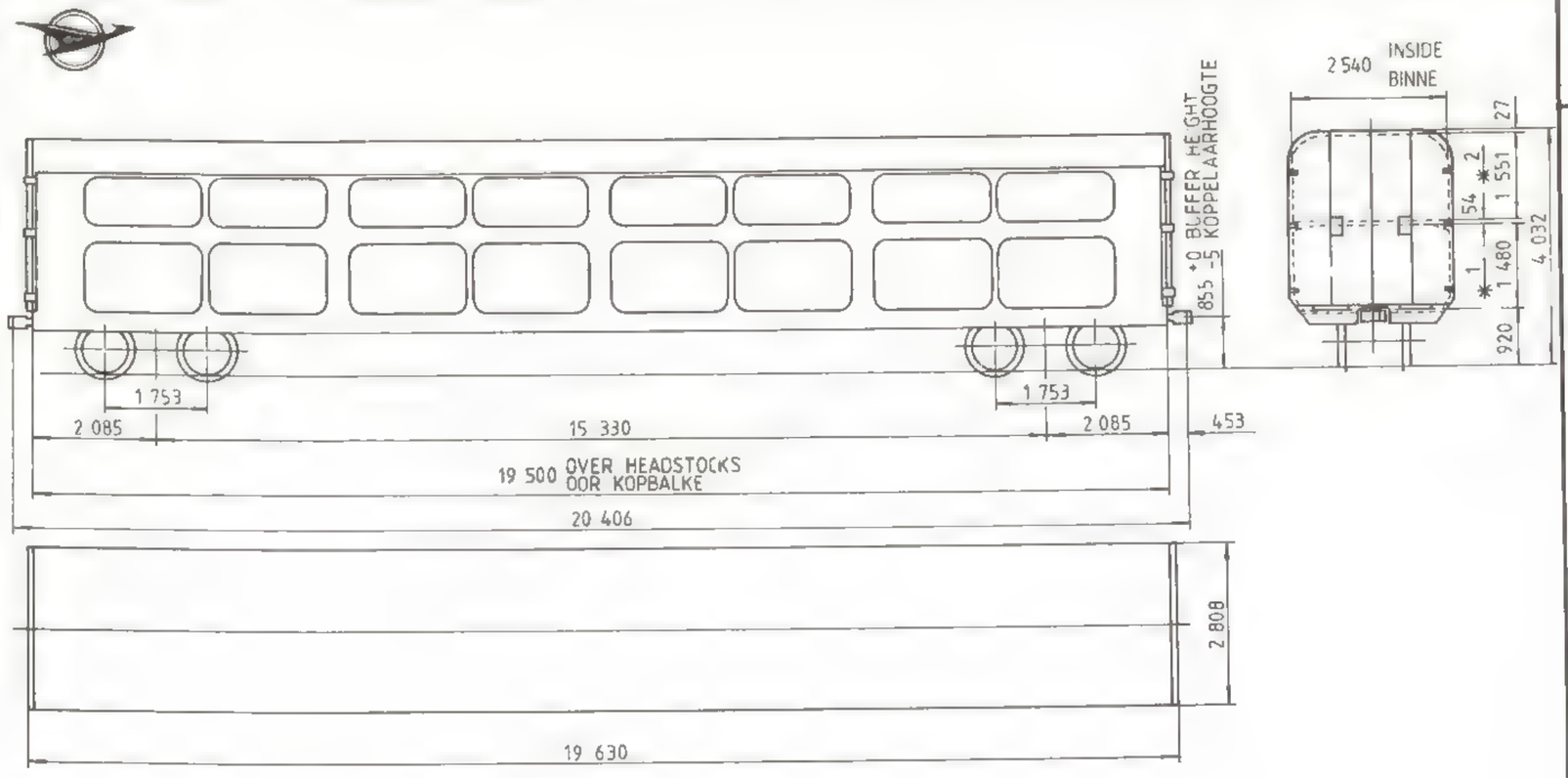
Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
17-600 006 / 17-600 030	1974
17-600 049 / 17-600 154	1974

Converted from / Omskep van	Date / Datum
DA-5	1974 - 1975

Tare (Average) kg / Tarra (Gemiddeld) kg	23 980
Load kg / Vrag kg	10 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte m^2	44,7
Capacity m^3 / Inhoudsvermoë m^3	

SC-3

214



Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidroulies kussingrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidroulies kussingrigting

Brake System - Remstelsel

A Dual Power - Automatic
Tweekrag - Outomaties
Slack Adjuster
R Remversteller

V Vacuum
Vakuum
L Air
Lug
Dual Power - Manually operated
D Tweekrag - Handbediening

Remarks :-
Opmerkings
*1 MAX. CLEARANCE ; LOWER DECK
MAKS. VRYRUIMTE ; ONDERSTE LAAIVLAK
*2 MAX. CLEARANCE ; UPPER DECK
MAKS. VRYRUIMTE ; BOONSTE LAAIVLAK
*3 Ø 813 WHEEL: HS PROFILE
WIEL: PROFIEL
*4 MOTOR CAR WAGONS FOR TRANS-KAROO TRAIN
MOTORKARTROKKE VIR TRANS-KAROO TREIN

Drawing Number / Tekeningnommer	CME 239/12-C99	
Bogie Type / Draaisteltipe	HS Mk VII *3	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	8 / 0	
Brake System / Remstelsel	V / R	
Brake Cylinders / Remsilinders	(V) 1/21	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 39,8/26,5	(L)
Drawgear Equipment / Trekwerkuitrusting	TWIN CUSHION, RUBBER / DUBBELKUSSING, RUBBER	
Coupler / Yoke / Koppelaar / Juk	SASKOP-M / LLOYD	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	46 000
Originally designed for / Oorspronklik ontwerp vir	MOTOR CARS / MOTORKARRE
Converted for / Omskep vir	*4

Revision / Hersiening						
Date / Datum						

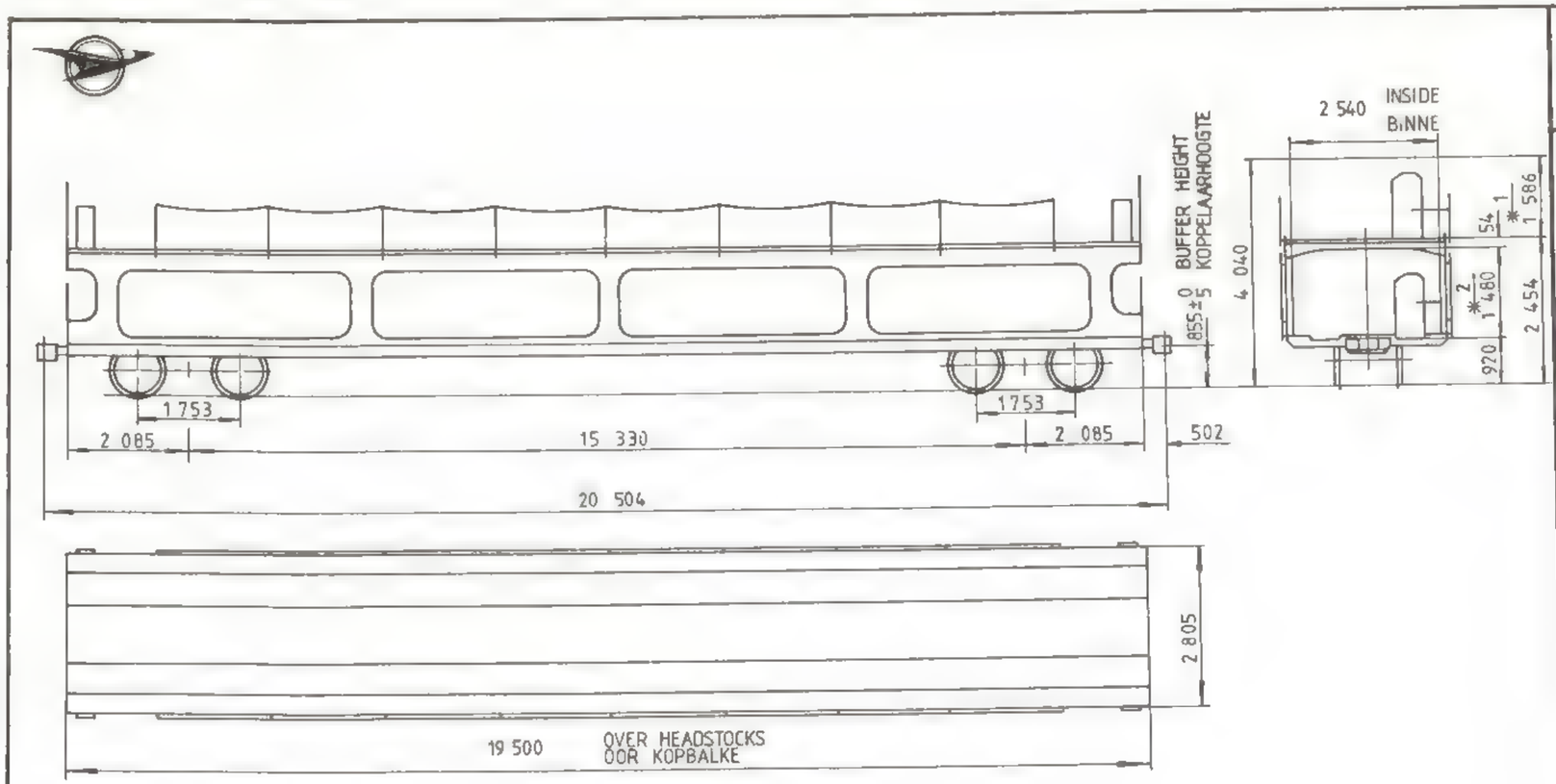
Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
17 - 600 162 / 17 - 600 219	1978-1979

Converted from / Omskep van	Date / Datum
SCL 4	1983

Tare (Average) / Tarra (Gemiddeld)	kg	31 800
Load / Vrag	kg	16 000
Load (Coal) / Vrag (Steenkool)	kg	
Floor Area / Vloeroppervlakte	m^2	
Capacity / Inhoudsvermoe	m^3	

SCJ-6

215



Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidroulies kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Vehicle Numbers / Voertuignommers			Placed in Service / In Gebruik Geneem
17 - 700 000 /	17 - 700	027	1972
17 - 700 043 /	17 - 700	094	1972
17 - 700 124 /	17 - 700	175	1972
17 - 700 191 /	17 - 700	345	1972
17 - 700 361 /	17 - 700	531	1972
17 - 700 566			1972

Remarks / Opmerkings :-
*1 MAX. LOADING HEIGHT ; UPPER DECK
MAKS. LAAIHOOGTE ; BOONSTE LAAIVLAK
*2 MAX. CLEARANCE ; LOWER DECK
MAKS. VRYRUIMTE ; ONDERSTE LAAIVLAK
*3 Ø 813 WHEEL: / WIEL: HS PROFILE / PROFIEL
*4 SEMI-PERMANENT COUPLERS
SEMI-PERMANENTE KOPPELAARS

Drawing Number / Tekeningnommer	B 1890/240	
Bogie Type / Draaisteltipe	HS Mk III *3	
Bearing Size / Laergrootte	D	
Springs per Bogie / Vere per Draaistel — Outer / Buite / Inner / Binne	8/0	
Brake System / Remstelsel	L/R	
Brake Cylinders / Remsilinders	(V)	(L) 1/10×12
Train Pipe / Treinpyp — Brake Pipe / Rempyp	(V)	(L) 32
Brake Percentage / Rempersentasie — Empty / Leeg — Loaded / Met Vrag	(V)	(L) 47,5/28,9
Drawgear Equipment / Trekwerkuitrusting	TWIN CUSHION, RUBBER / DUBBELKUSSING, RUBBER	
Coupler / Yoke / Koppelaar / Juk	LLOYD *4	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 129
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	46 000
Originally designed for / Oorspronklik ontwerp vir	MOTOR CARS / MOTORKARRE
Converted for / Omskep vir	

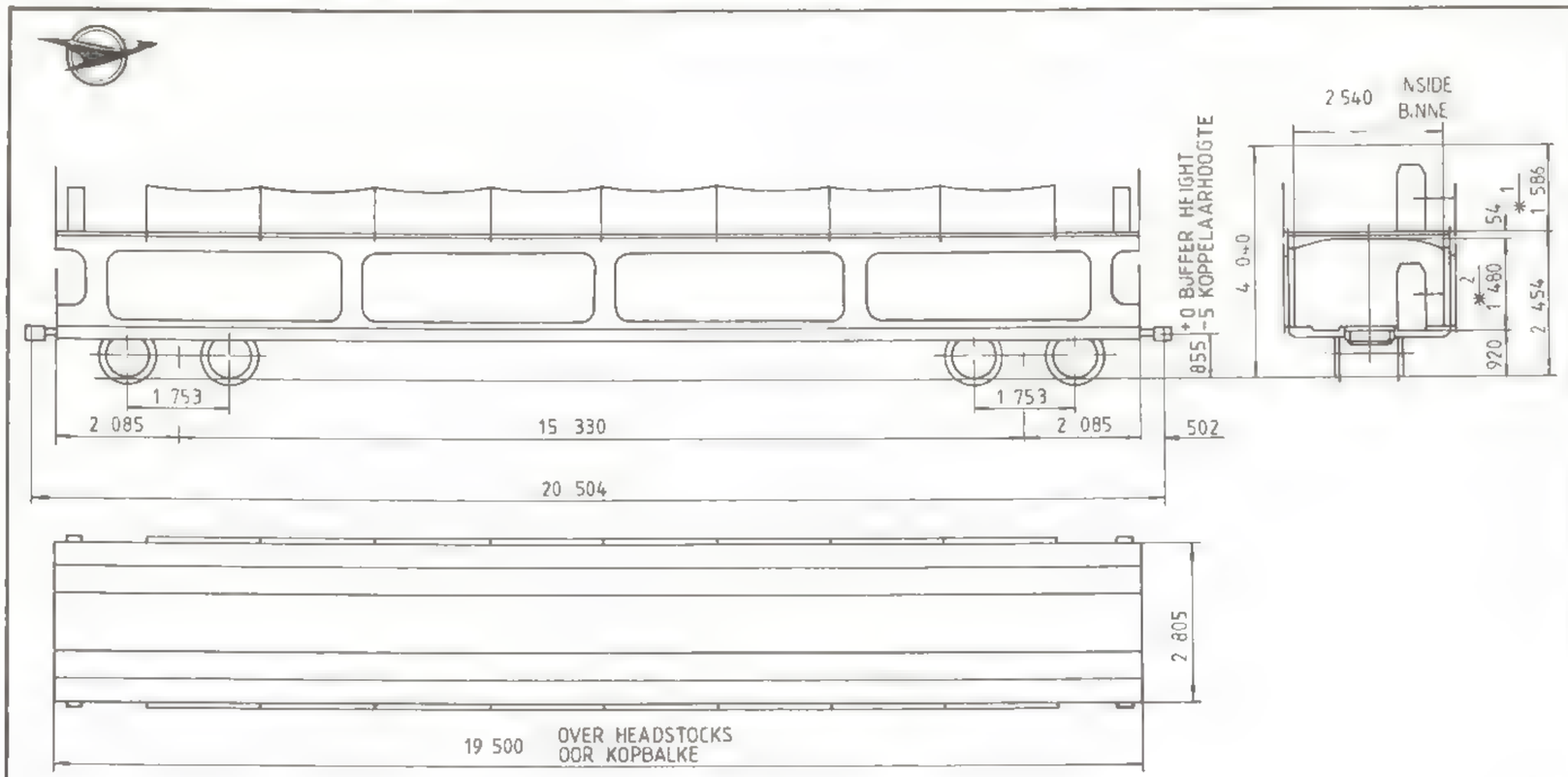
Revision / Hersiening						
Date / Datum						

Converted from / Omskep van	Date / Datum

Tare (Average) kg / Tarra (Gemiddeld) kg	25 090
Load kg / Vrag kg	16 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	
Capacity m^3 / Inhoudsvermoe m^3	

SCL-1

216



Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
17-700 604	1973
17-700 779	1973
17-700 833	1974
17-700 906	1973
17-700 957	1973

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulièse kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulièse kussingrigting

Brake System - Remstelsel
A Dual Power-Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remverstelter
V Vacuum / Vakuum
L Air / Lug
D Dual Power-Manually operated / Tweekrag-Handbediening

Remarks / Opmerkings :-
*1 MAX. LOADING HEIGHT; UPPER DECK / MAKS. LAAIHOOGTE; BOONSTE LAAIVLAK
*2 MAX. CLEARANCE; LOWER DECK / MAKS. VRYRUIMTE; ONDERSTE LAAIVLAK
*3 Ø 813 WHEEL: HS PROFILE / WIEL: HS PROFIEL
*4 SEMI-PERMANENT COUPLERS / SEM.-PERMANENTE KOPPELAARS

Drawing Number / Tekeningnommer	W001 / D039	
Bogie Type / Draaisteltipe	HS Mk III *3	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	8/0	
Brake System / Remstelsel	L/R	
Brake Cylinders / Remsilinders	(V)	(L) 1/10×12
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V)	(L) 32
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V)	(L) 47,5 | 28,9
Drawgear Equipment / Trekwerkuitrusting	TWIN CUSHION, RUBBER / DUBBELKUSSING, RUBBER	
Coupler / Yoke / Koppelaar / Juk	LLOYD *4	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 129
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	46 000
Originally designed for / Oorspronklik ontwerp vir	MOTOR CARS / MOTORKARRE
Converted for / Omskep vir	

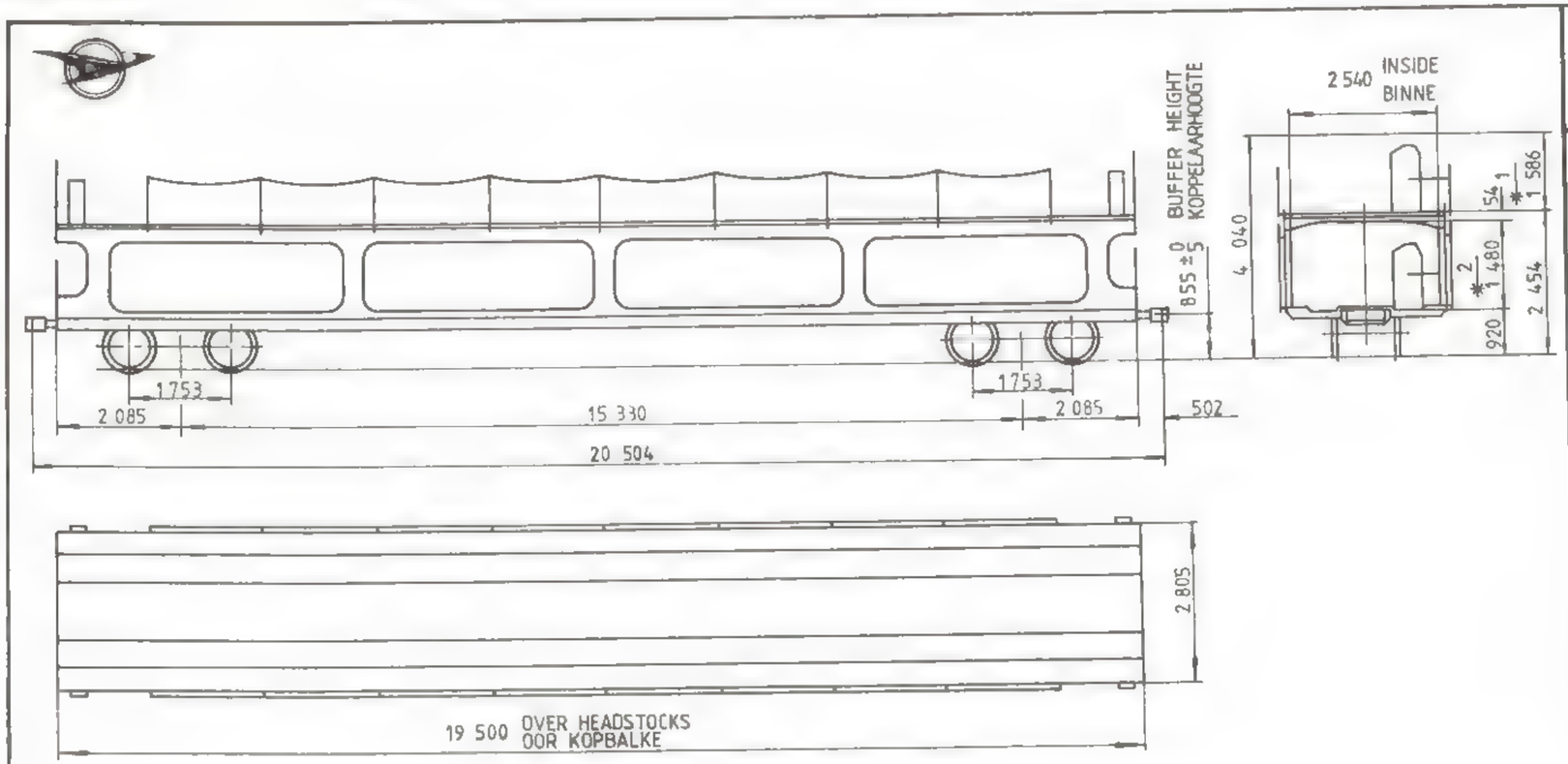
Revision / Hersiening						
Date / Datum						

Converted from / Omskep van	Date / Datum

Tare (Average) kg / Tarra (Gemiddeld) kg	25 090
Load kg / Vrag kg	16 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	
Capacity m^3 / Inhoudsvermoë m^3	

SCL-2

217



Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel

A Dual Power - Automatic
Tweekrag - Outomaties
Slack Adjuster
R Remversteller

V Vacuum
Vakuum
Air
L Lug
Dual Power - Manually operated
D Tweekrag - Handbediening

Remarks / Opmerkings:
*1 MAX. LOADING HEIGHT; UPPER DECK
MAKS LAAIHOOGTE; BOONSTE LAAIVLAK
*2 MAX. CLEARANCE; LOWER DECK
MAKS. VRYRUIMTE; ONDERSTE LAAIVLAK
*3 Ø 813 WHEEL HS PROFILE
WIEL HS PROFIEL
*4 SEMI PERMANT COUPLERS
SEMI-PERMANENTE KOPPELAARS

Drawing Number / Tekeningnommer	W001/D055, W001/D079	
Bogie Type / Draaisteltipe	HS Mk III, HS Mk VII *3	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	B/O	
Brake System / Remsteisel	L/R	
Brake Cylinders / Remsilinders	(V)	(L) 1/10×12
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V)	(L) 32
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V)	(L) 42 6/27
Drawgear Equipment / Trekwerkuitrusting	TWIN CUSHION, RUBBER DJBBELKUSSING, RJBBER	
Coupler / Yoke / Koppelaar / Juk	LLOYD *4	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 131
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	46 000
Originally designed for / Oorspronklik ontwerp vir	MOTOR CARS / MOTORKARRE
Converted for / Omskep vir	

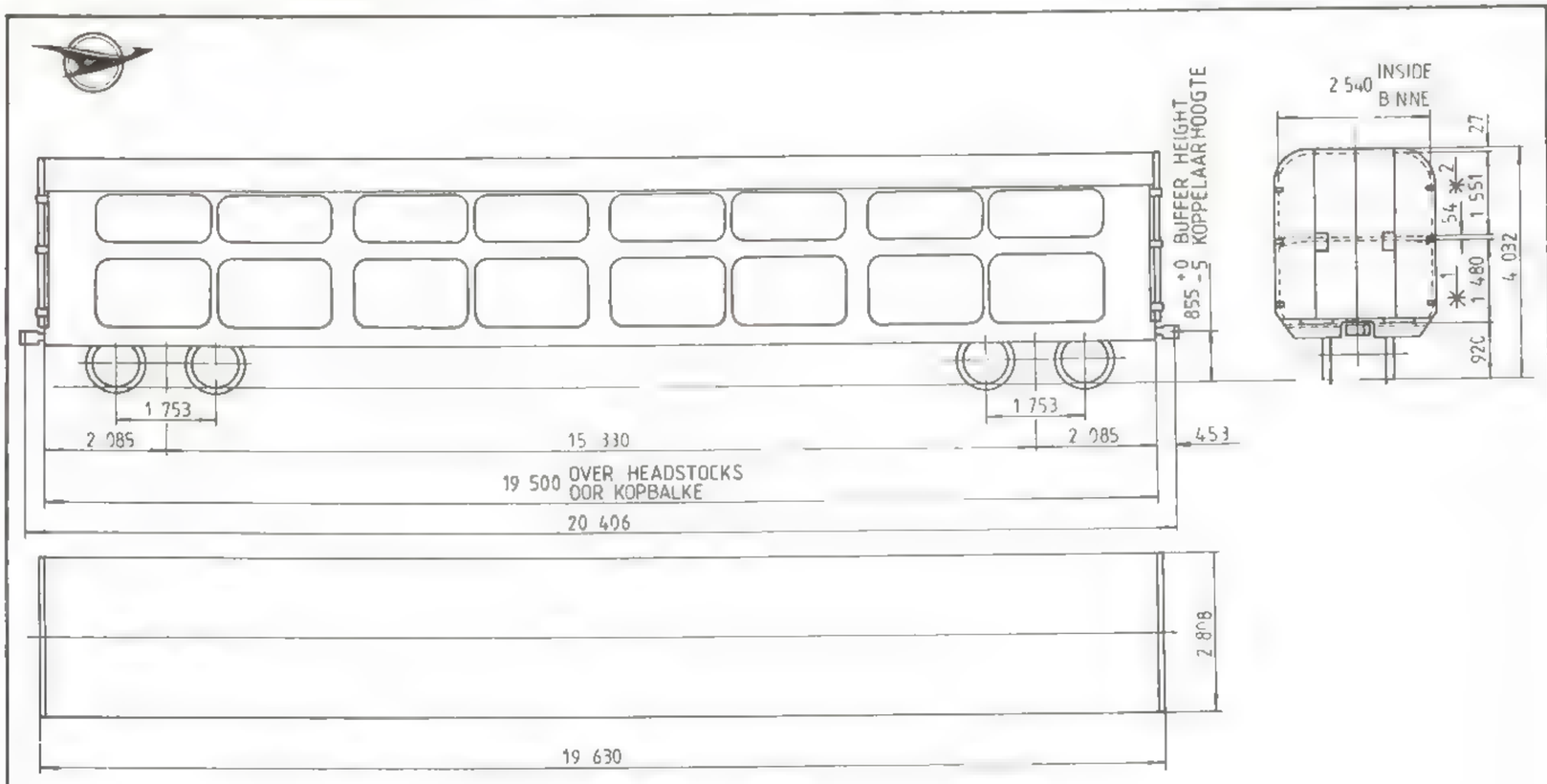
Revision / Hersiening						
Date / Datum						

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
17 - 701 147 / 17 - 702 275	1978 - 79
17 - 702 313 / 17 - 703 417	1983

Converted from / Omskep van	Date / Datum

Tare (Average) kg / Tarra (Gemiddeld) kg	27 890
Load kg / Vrag kg	16 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte m^2	
Capacity m^3 / Inhoudsvermoe m^3	

SCL-4



Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting

SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel

A Dual Power - Automatic / Tweekrag - Outomaties
Slack Adjuster / Remversteller

R

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

Remarks / Opmerkings :-

*1 MAX CLEARANCE ; LOWER DECK / MAKS VRYRUIMTE , ONDERSTE LAAIVLAK

*2 MAX. CLEARANCE ; UPPER DECK / MAKS. VRYRUIMTE ; BOONSTE LAAIVLAK

*3 Ø 813 WHEEL: HS PROFILE / WIEL: HS PROFIEL

*4 MOTOR CAR WAGONS FOR BLUE TRAIN / MOTORKARTROKKE VIR BLOUTREIN

*5 VACUUM THROUGH PIPE / VAKUUM-DEURPYP

*6 Ø 32 BRAKE PIPE AND Ø 32 FEED PIPE / REMPYP EN TOEVOERPYP

Drawing Number / Tekeningnommer	CME 239/12-C99	
Bogie Type / Draaisteltipe	HS Mk VII *3	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	8/0	
Brake System / Remstelsel	L/R	
Brake Cylinders / Remsilinders	(V)	(L) 1/10 × 12
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65 *5	(L) *6
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V)	(L) 37,9 / 25,1
Drawgear Equipment / Trekwerkuitrusting	TWIN CUSHION, RUBBER / DUBBELKUSSING, RUBBER	
Coupler / Yoke / Koppelaar / Juk	SASKOP-M / LLOYD	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	46 000
Originally designed for / Oorspronklik ontwerp vir	MOTOR CARS / MOTORKARRE
Converted for / Omskep vir	*4

Revision / Hersiening						
Date / Datum						

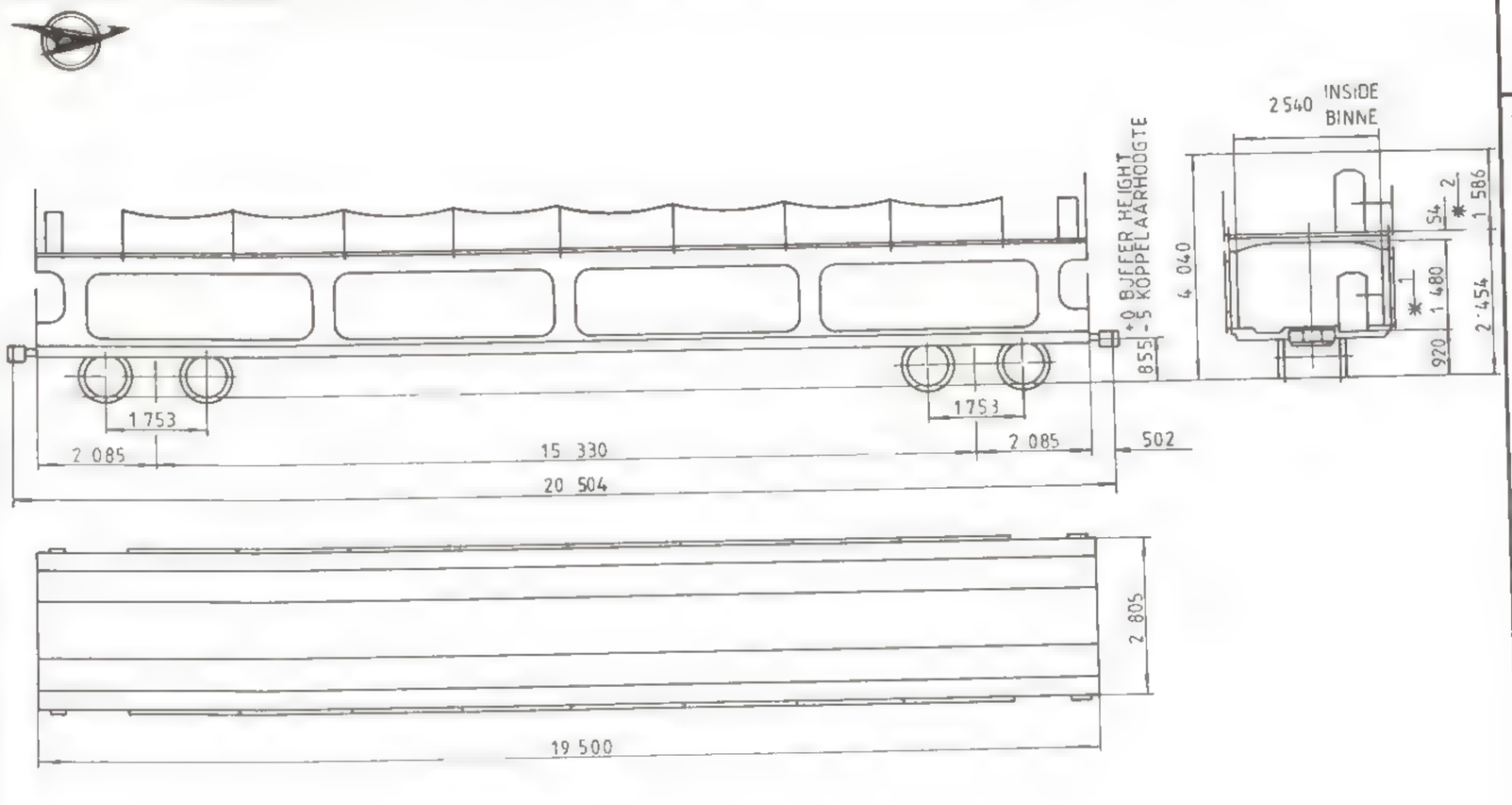
Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
17 - 702 283 / 17 - 702 305	1978-1979

Converted from / Omskep van	Date / Datum
SCL-4	1982

Tare (Average) kg / Tarra (Gemiddeld) kg	31 358
Load / Vrag kg	16 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte m^2	
Capacity m^3 / Inhoudsvermoë m^3	

SCL-5

2/9



Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussingrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Remarks / Opmerkings :-
*1 MAX. CLEARANCE ; LOWER DECK / MAKS. VRYRUIMTE ; ONDERSTE LAAIVLAK
*2 MAX. LOADING HEIGHT ; UPPER DECK / MAKS LAAIHOOGTE ; BOONSTE LAAIVLAK
*3 Ø 813 WHEEL: HS PROFILE / WIEL: HS PROFIEL
*4 SEMI-PERMANENT COUPLERS / SEMI-PERMANENTE KOPPELAARS

Drawing Number / Tekeningnommer	B 1890/240	
Bogie Type / Draaisteltipe	HS Mk III *3	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	8/0	
Brake System / Remstelsel	V/L/R	
Brake Cylinders / Remsilinders	(V) [illegible]	(L) 1 1 x1[illegible]
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) [illegible]	(L) 32
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 50,1/30,7	(L) 47 / 28,8
Drawgear Equipment / Trekwerkuitrusting	TWN CUSHION, RUBBER / DUBBELKUSSING, RUBBER	
Coupler / Yoke / Koppelaar / Juk	LLOYD *4	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 129
Design Limit - Mass on Rail kg / Ontwerplimiet Massa op Spoor	48 [illegible]
Originally designed for / Oorspronklik ontwerp vir	MOTOR CARS / MOTORKARRE
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

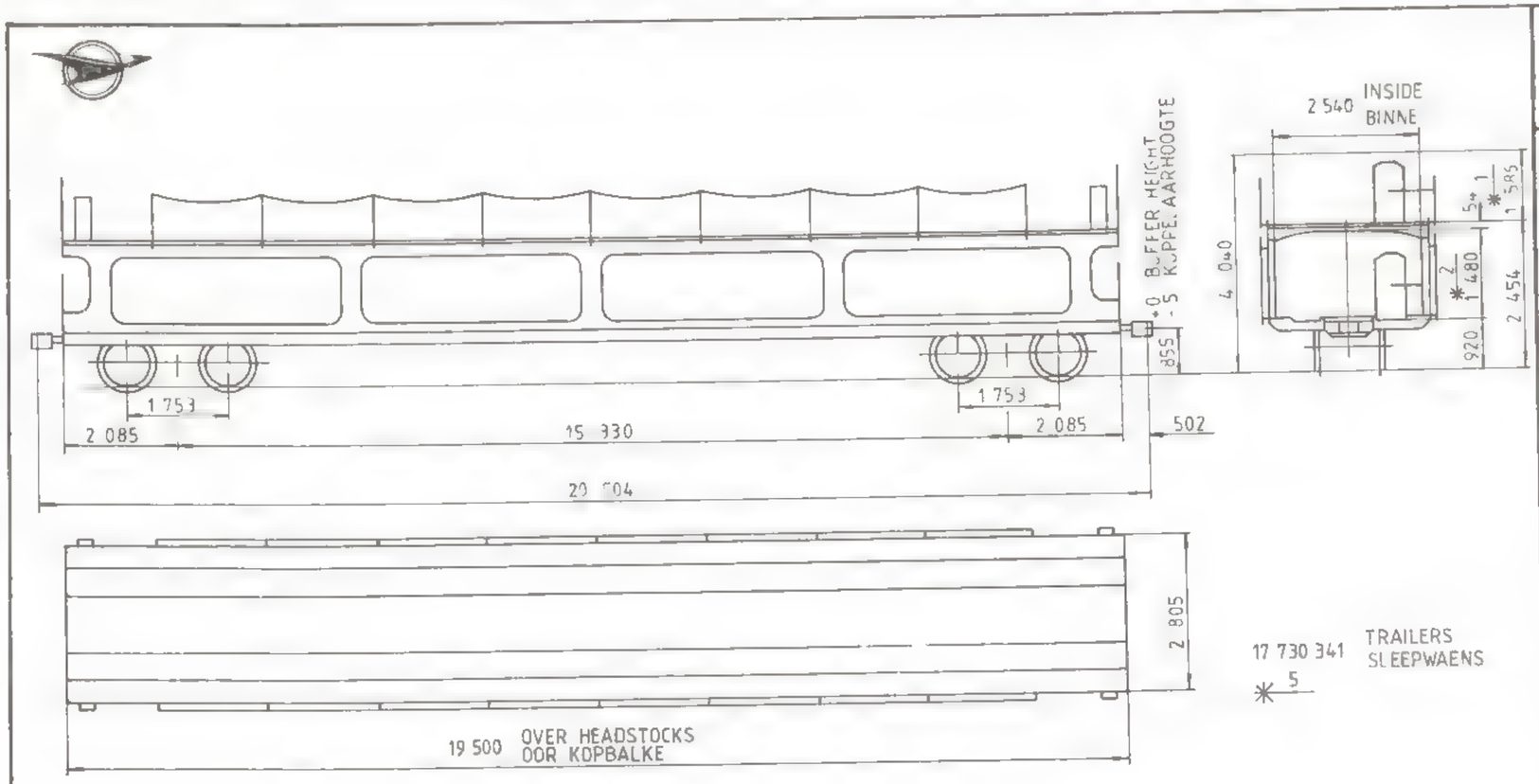
Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
17 - 730 007 / 17 - 730 066	1972
17 - 730 074	1972

Converted from / Omskep van	Date / Datum
SCL-1	1974
SCL 1	1986
Tare (Average) kg / Tarra (Gemiddeld) kg	25 [illegible]3,0
Load kg / Vrag kg	16 [illegible]
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte m^2	
Capacity m^3 / Inhoudsvermoe m^3	

SCLV-1

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remversteller



Vehicle Numbers / Voertuignommers			Placed in Service / In Gebruik Geneem
17 - 730 082	/ 17 - 730	325	1973-1974
17 - 730 333	/ 17 - 730	643	1973-1974

Remarks / Opmerkings :-
*1 MAX. LOADING HEIGHT; UPPER DECK / MAKS. LAAIHOOGTE; BOONSTE LAAIVLAK
*2 MAX. CLEARANCE; LOWER DECK / MAKS. VRYRUIMTE; ONDERSTE LAAIVLAK
*3 Ø 813 WHEEL: HS PROFILE / WIEL: HS PROFIEL
*4 SEMI-PERMANENT COUPLERS / SEMI-PERMANENTE KOPPELAARS
*5 BOTH ENDS FITTED WITH SASKOP-M COUPLERS / ALBEI ENTE GEPAS MET KOPPELAARS

Drawing Number / Tekeningnommer	W001 / D039	
Bogie Type / Draaisteltipe	HS Mk III *3	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6/0	
Brake System / Remstelsel	V/L/R	
Brake Cylinders / Remsilinders	(V) 1/21	(L) 1/10×12
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L) 32
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 50,1 / 30,7	(L) 47 / 28,8
Drawgear Equipment / Trekwerkuitrusting	TWIN CUSHION, RUBBER / DUBBELKUSSING, RUBBER	
Coupler / Yoke / Koppelaar / Juk	LLOYD *4 *5	

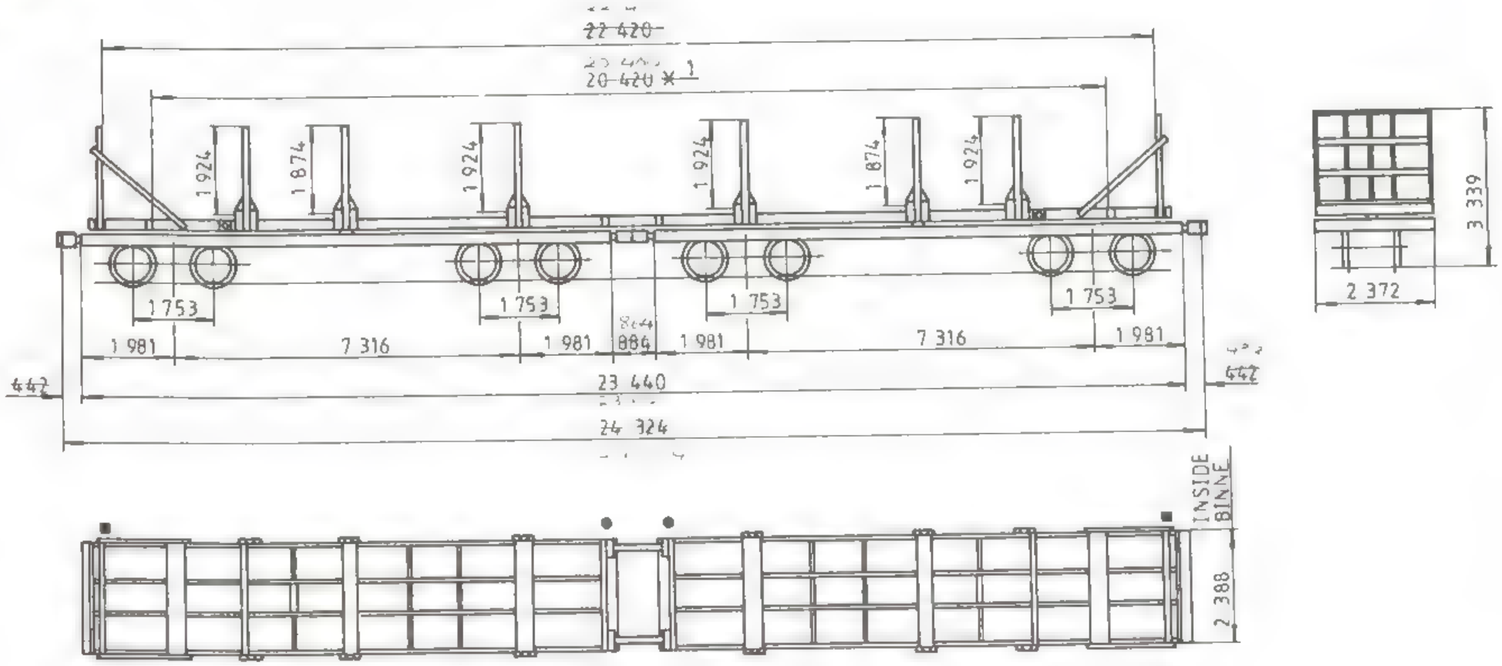
Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 129
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	46 000
Originally designed for / Oorspronklik ontwerp vir	MOTOR CARS / MOTORKARRE
Converted for / Omskep vir	

Revision / Hersiening							
Date / Datum							

Converted from / Omskep van	Date / Datum
SCL 2	1974
SCL-2	1986
Tare (Average) kg / Tarra (Gemiddeld) kg	25 320
Load kg / Vrag kg	16 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	
Capacity m^3 / Inhoudsvermoë m^3	

SCLV-2

221



Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

Remarks / Opmerkings
1 ALTERNATIVE POSITION FOR ENDS / ALTERNATIEWE POSISIE VIR ENTE
2 WAGONS PER SET / TROKKE PER STEL

Drawing Number / Tekeningnommer	CME 173/12 - A21	
Bogie Type / Draaisteltipe	SARCAST	
Bearing Size / Laergrootte	10×5	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6/0	
Brake System / Remstelsel	V	
Brake Cylinders Per Set / Remsilinders Per Stel	(V) 4/18	(L) —
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) -
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 76,6/30,4	(L) -
Drawgear Equipment / Trekwerkuitrusting	■AAR M901 E& ● SOLID / SOLIED	
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR / SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	826
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	100 000
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE
Converted for / Omskep vir	CONVEYANCE OF PROFILE STEEL / VERVOER VAN PROFIELSTAAL

Revision / Hersiening						
Date / Datum						

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
17-850 002 / 17-851 637	1962 – 1968

Converted from / Omskep van	Date / Datum
B-2	1980 – 1981

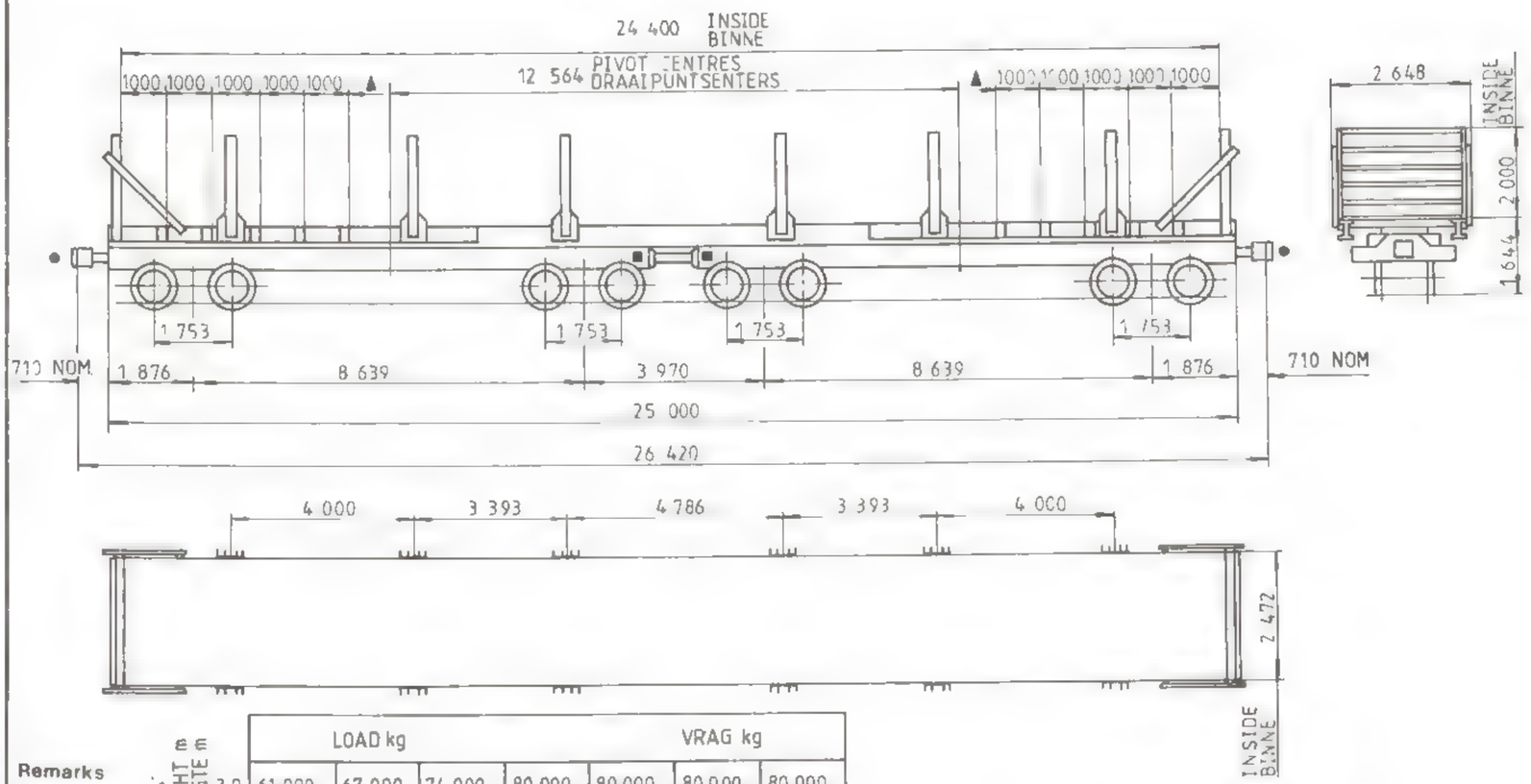
Tare (Average) kg / Tarra (Gemiddeld)		39 400
Load kg Per Set / Vrag Per Stel		60 000
Load (Coal) kg / Vrag (Steenkool)		
Floor Area m^2 / Vloeroppervlakte		53,5 / ~~×1~~ 48,8
Capacity m^3 / Inhoudsvermoe		100,3 / ~~×1~~ 91,4

SF-1

SFJ-2

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller



Remarks / Opmerkings: ✳1

LOAD HIGHT m / VRAGHOOGTE m	LOAD kg / VRAG kg						
2,0	61 000	67 000	74 000	80 000	80 000	80 000	80 000
1,75	61 000	67 000	74 000	83 000	95 000	95 000	95 000
1,6	61 000	67 000	74 000	83 000	95 000	110 000	112 000
LOAD LENGTH m / VRAGLENGTE m	14	15	16	17	18	19	20-24

Drawing Number / Tekeningnommer	W 001/DO 83		
Bogie Type / Draaisteltipe	HS MK VII		
Bearing Size / Laergrootte	D		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10		
Brake System / Remstelsel	V/R		
Brake Cylinders / Remsilinders	(V) 2/21	(L)	—
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 74,46/22,01	(L)	—
Drawgear Equipment / Trekwerkuitrusting	• KK / ■ SOLID SOLIED		
Coupler / Yoke / Koppelaar / Juk	E / -		

Centre of Gravity (Empty) / Swaartepunt (Leeg)	921
✳1 Centre of Gravity (Full) / Swaartepunt (Vol)	2 m
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	160 000
Originally designed for / Oorspronklik ontwerp vir	CONVEYANCE OF STEEL / VERVOER VAN STAAL
Converted for / Omskep vir	

Revision / Hersiening							
Date / Datum							

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
17-851 718 / 17-852 250	1985

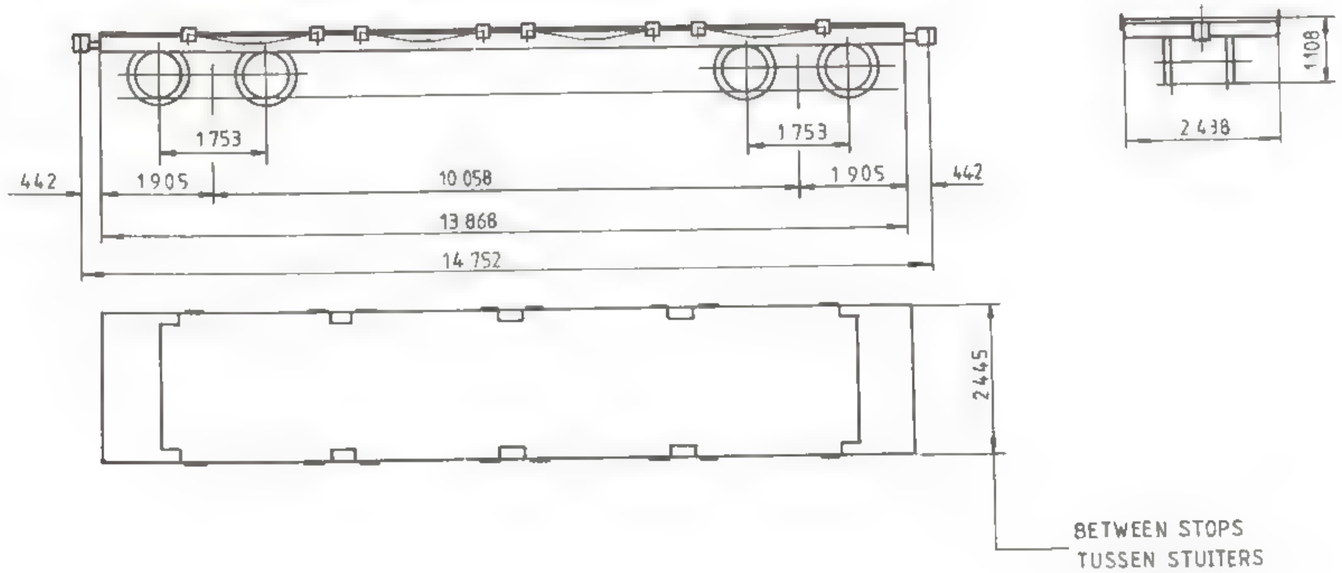
Converted from / Omskep van	Date / Datum

Tare (Average) kg / Tarra (Gemiddeld) kg	47 300
Load kg / Vrag kg	112 700
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte m^2	60,3
Capacity m^3 / Inhoudsvermoë m^3	120 6

223

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
■ Slack Adjuster / Remversteller



Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
23-010 002 / 23-010 770	1959 - 1960

Remarks / Opmerkings :-

Converted from / Omskep van	Date / Datum
DZ-7	1970

Drawing Number / Tekeningnommer	CDO SKETCH / SKETS 1003		
Bogie Type / Draaisteltipe	SARCAST		
Bearing Size / Laergrootte	10 × 5		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6/0		
Brake System / Remstelsel	V		
Brake Cylinders / Remsilinders	(V) 2/21	(L)	
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 45 (")	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 99,5 / 29,65	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS		

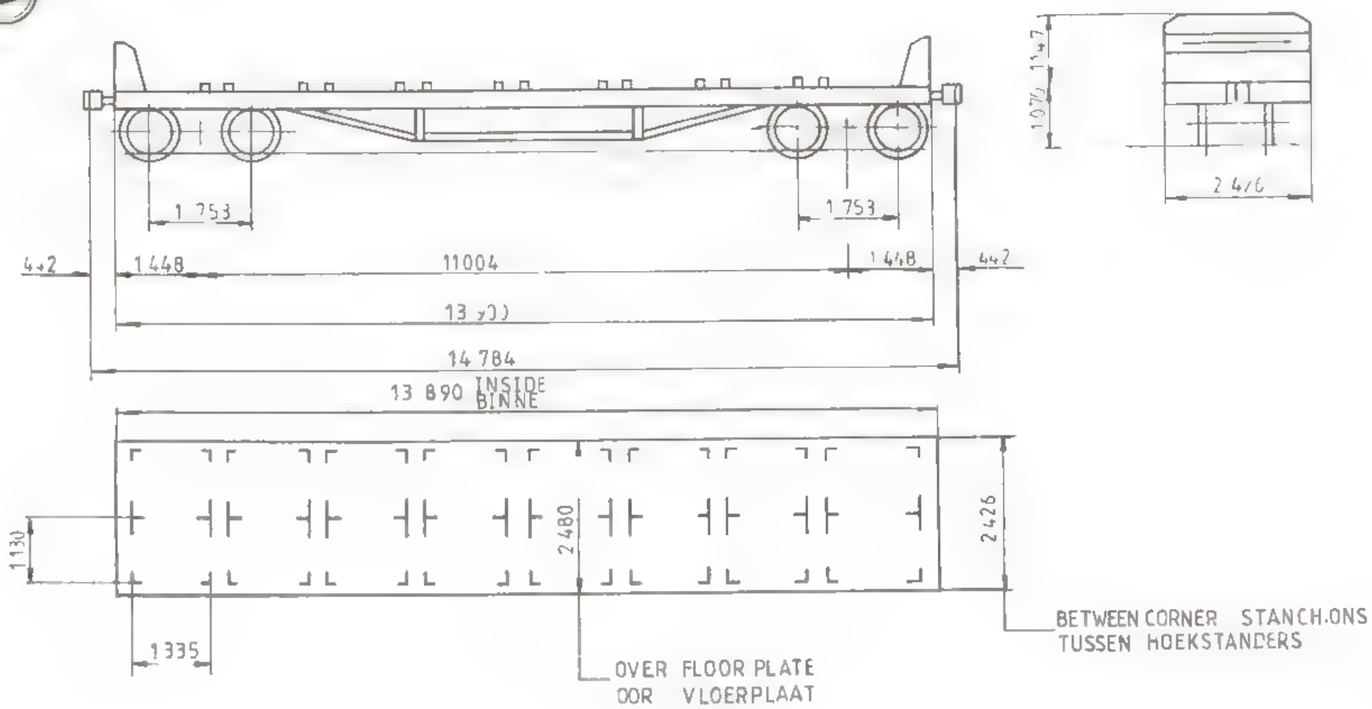
Centre of Gravity (Empty) / Swaartepunt (Leeg)	750						
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000						
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE						
Converted for / Omskep vir	CONTAINER TRAFFIC / HOUERVERKEER						
Revision / Hersiening							
Date / Datum							

Tare (Average) kg / Tarra (Gemiddeld)	17400
Load kg / Vrag	41000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	33,8
Capacity m^3 / Inhoudsvermoë	

SH-1

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually ope / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller



Remarks / Opmerkings :-

Drawing Number / Tekeningnommer	CME 3777/12-000
Bogie Type / Draaisteltipe	SPOORBARBER
Bearing Size / Laergrootte	D
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10
Brake System / Remstelsel	V/R
Brake Cylinders / Remsilinders	(V) 2/18 (L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65 (L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 88,7/ 27,3 (L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS

Centre of Gravity (Empty) / Swaartepunt (Leeg)	800
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE
Converted for / Omskep vir	"FLO-BINS"

Revision / Hersiening						
Date / Datum						

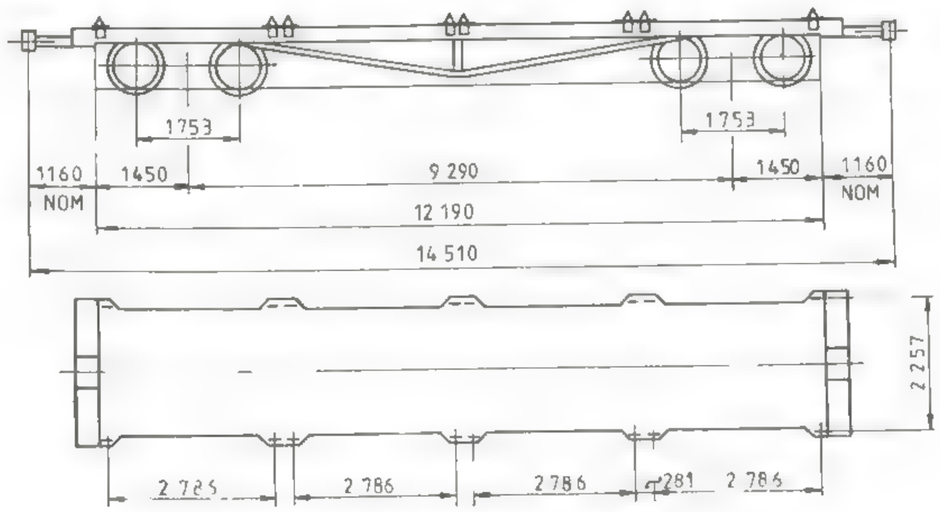
Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
23-010 843 / 23-011 041	1975

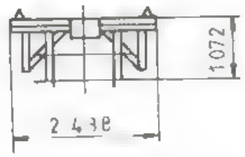
Converted from / Omskep van	Date / Datum
DZ-10&11	1975

Tare (Average) kg / Tarra (Gemiddeld) kg	18 200
Load kg / Vrag kg	41000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	
Capacity m^3 / Inhoudsvermoë m^3	

SH-6

225





Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingin.rgting

SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingin.rgting

Brake System - Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Vehicle Numbers / Voertu gnommers	Placed in Service / In Gebruik Geneem
23-500 018 / 23-500 883	1971 - 72
23-500 905 / 23-504 390	1971 - 72

Remarks / Opmerkings :- "FREIGHT MASTER" (381 TRAVEL / SLAG)

RETRACTABLE TWISTLOCKS
INTREKDRAAIGRENDELS

✳ VTB VALVE
VTB KLEP

Drawing Number / Tekeningnommer	W 001/D012	
Bogie Type / Draaisteltipe	SPOORBARBER	
Bearing Size / Laergrootte	C	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/6	
Brake System / Remstelsel	V/D/R	
Brake Cylinders / Remsilinders	(V) 2/18	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 5	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag ✳	(V) 6 / 6/30,2	(L)
Drawgear Equipment / Trekwerkuitrusting	KK	
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / —	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	675
Design Limit - Mass on Rail kg / Ontwerptimiet - Massa op Spoor	64 000
Originally designed for / Oorspronklik ontwerp vir	CONTAINER TRAFFIC / HOUERVERKEER
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

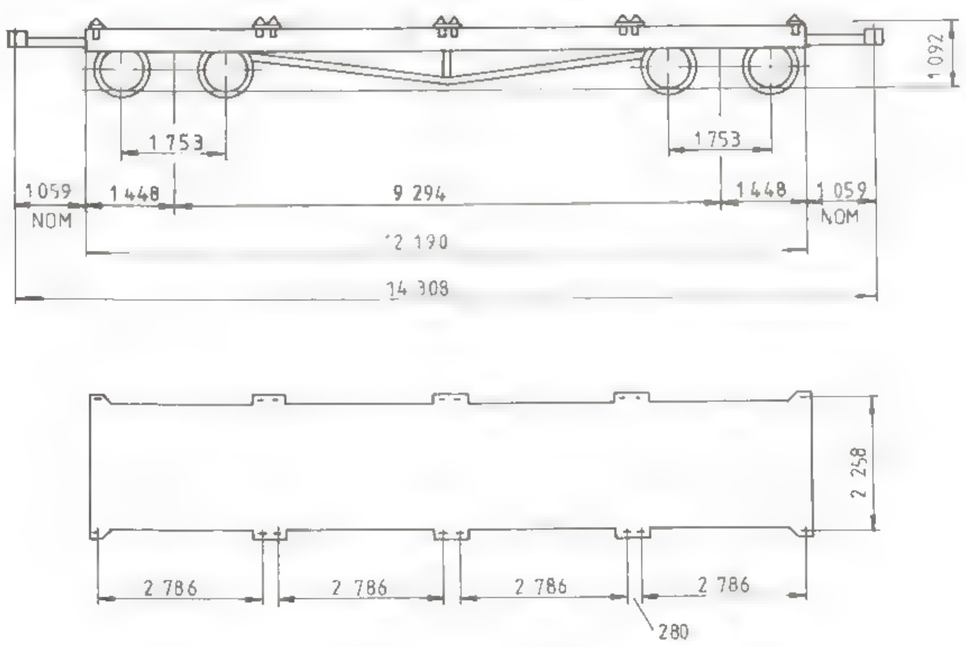
Converted from / Omskep van	Date / Datum

Tare (Average) kg / Tarra (Gemiddeld) kg	17 300
Load kg / Vrag kg	48 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte m^2	27 5
Capacity m^3 / Inhoudsvermoe m^3	

SHD-2

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
A Dual Power-Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening



Remarks / Opmerkings :- RETRACTABLE TWISTLOCKS
INTREKDRAAIGRENDELS

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
23-504 404 / 23-505 761	1975
23-505 788 / 23-510 161	1976-77

Converted from / Omskep van	Date / Datum

Drawing Number / Tekeningnommer	W001 / F017		
Bogie Type / Draaisteltipe	SPOORBARBER		
Bearing Size / Laergrootte	C		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 6		
Brake System / Remstelsel	V/A/R		
Brake Cylinders / Remsilinders	(V) 2/18	(L) —	
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L) —	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 83,5 / 32,4	(L) —	
Drawgear Equipment / Trekwerkuitrusting	"KEYSTONE" SSC 508	TRAVEL SLAG	
Coupler / Yoke / Koppelaar / Juk	E / -		

Centre of Gravity (Empty) / Swaartepunt (Leeg)	868
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	64 000
Originally designed for / Oorspronklik ontwerp vir	CONTAINER TRAFFIC HOUERVERKEER
Converted for / Omskep vir	

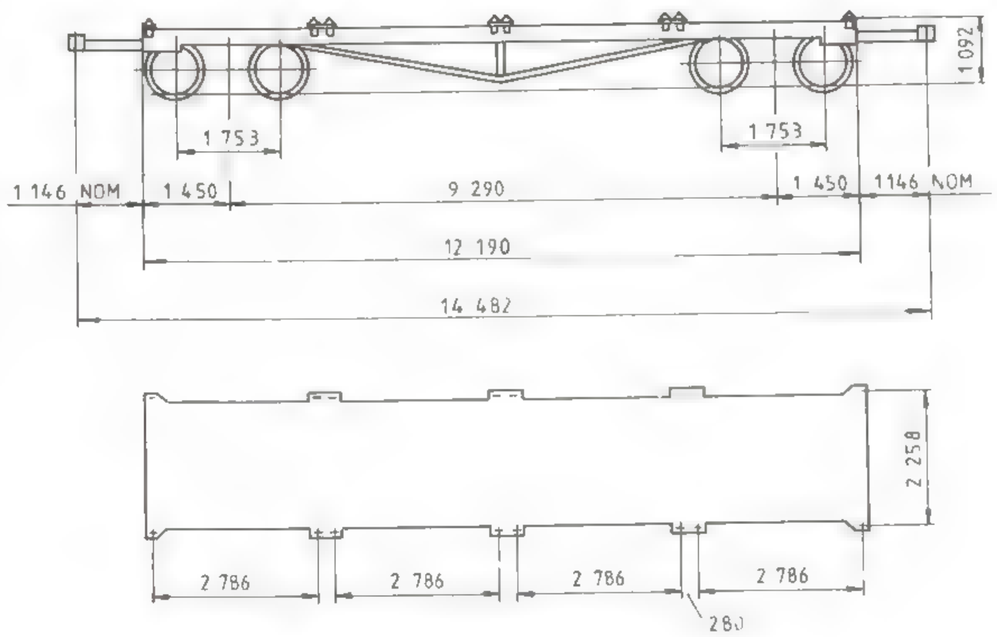
Revision / Hersiening						
Date / Datum						

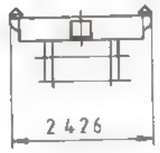
Tare (Average) kg / Tarra (Gemiddeld)	18 180
Load kg / Vrag	48 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	27 5
Capacity m^3 / Inhoudsvermoë	

SHD-4

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller





Remarks / Opmerkings : RETRACTABLE TWISTLOCKS / INTREKDRAAIGRENDELS

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
x1 x3 { 23-510 188 / 23-511 273	1977
x1 x3 { 23-511 281 / 23-512 776	1977-78
x1 x3 { 23-512 792 / 23-512 970	1977-78
x2 x4 { 23-512 784	
x2 x4 { 23-512 989 / 23-514 574	1977-78

Drawing Number / Tekeningnommer	W 001 / D049
Bogie Type / Draaisteltipe	x3 SPOORBARBER "HYBRID" / x4 HS Mk III
Bearing Size / Laergrootte	D
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 10
Brake System / Remstelsel	V/A/R
Brake Cylinders / Remsilinders	(V) 2 / 18 (L) —
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (L) —
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 80/21,8 (L) —
Drawgear Equipment / Trekwerkuitrusting	x1 "PULLMAN" SSC 508 TRAVEL SLAG / x2 "KEYSTONE"
Coupler / Yoke / Koppelaar / Juk	E/-

Centre of Gravity (Empty) / Swaartepunt (Leeg)	657
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	CONTAINER TRAFFIC / HOUERVERKEER
Converted for / Omskep vir	
Revision / Hersiening	
Date / Datum	

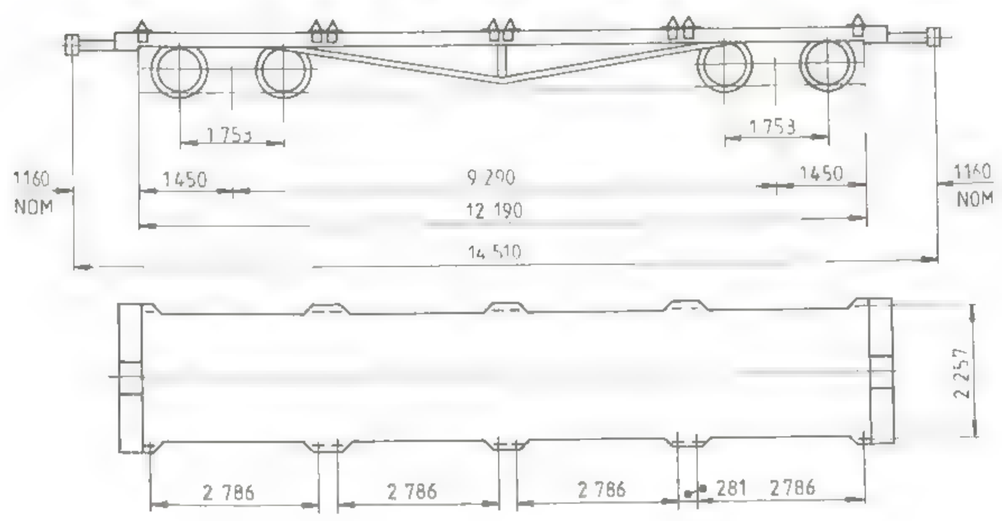
Converted from / Omskep van	Date / Datum

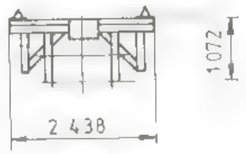
Tare (Average) kg / Tarra (Gemiddeld)	18 000
Load kg / Vrag	48 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	27 5
Capacity m^3 / Inhoudsvermoe	

SHD-7

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Stack Adjuster / Remversteller





Remarks / Opmerkings :- "FREIGHT MASTER" (381 TRAVEL / SLAG)

RETRACTABLE TWISTLOCKS
INTREKDRAAIGRENDELS

Drawing Number / Tekeningnommer	W 001/ D 012	
Bogie Type / Draaisteltipe	SPOORBARBER	
Bearing Size / Laergrootte	C	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/6	
Brake System / Remstelsel	V/R	
Brake Cylinders / Remsilinders	(V) 2/18 "	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 09,8/18,5	(L)
Drawgear Equipment / Trekwerkuitrusting	KK	
Coupler / Yoke / Koppelaar / Juk	SASKOP - S/—	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	675
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	64 000
Originally designed for / Oorspronklik ontwerp vir	CONTAINER TRAFFIC / HOUERVERKEER
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

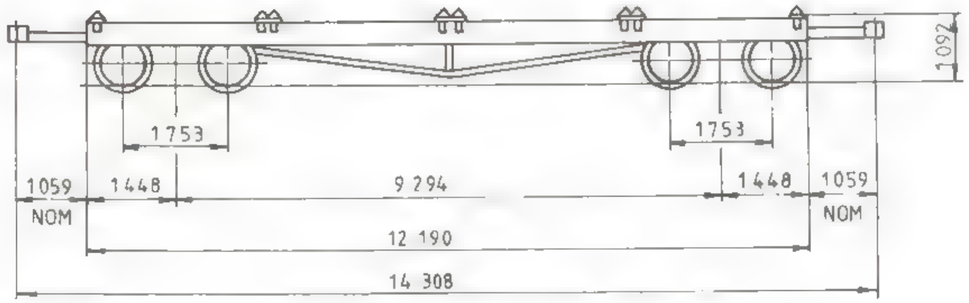
Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
23- 500 018/23 - 500 883	1971 - 72
23- 500 905/23 - 504 390	1971 - 72

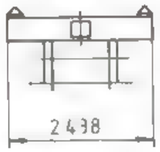
Converted from / Omskep van	Date / Datum
SHD-2	1981

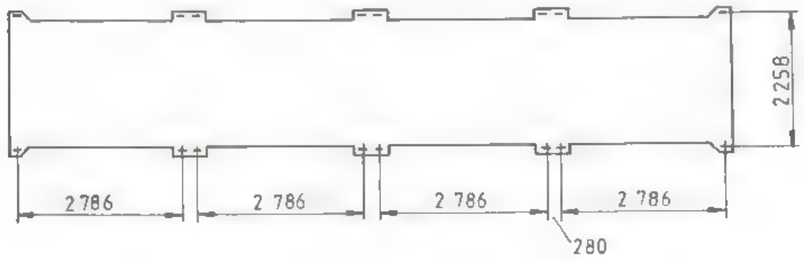
Tare (Average) kg / Tarra (Gemiddeld) kg	17 300
Load kg / Vrag kg	48 000
Load (Coal) kg / Vrag (Steenkool)	27,5
Floor Area m^2 / Vloeroppervlakte m^2	
Capacity m^3 / Inhoudsvermoe m^3	

SHJ -2

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussinginrigting







Remarks / Opmerkings :- RETRACTABLE TWISTLOCKS
INTREKDRAAIGRENDELS

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
23-504 404 / 23-505 761	1975
23-505 788/ 23-510 161	1976-77

Converted from / Omskep van	Date / Datum
SHD 4	1984

Brake System - Remstelsel
A Dual Power-Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power-Manually operated / Tweekrag-Handbediening

Drawing Number / Tekeningnommer	W001 / F017	
Bogie Type / Draaisteltipe	SPOORBARBER	
Bearing Size / Laergrootte	C	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/6	
Brake System / Remstelsel	V/ /R	
Brake Cylinders / Remsilinders	(V) 2 / 18	(L) —
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) —
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 73,3 / 201	(L) -
Drawgear Equipment / Trekwerkuitrusting	KEYSTONE SCC 508 TRAVE.. S..AG	
Coupler / Yoke / Koppelaar / Juk	E / -	

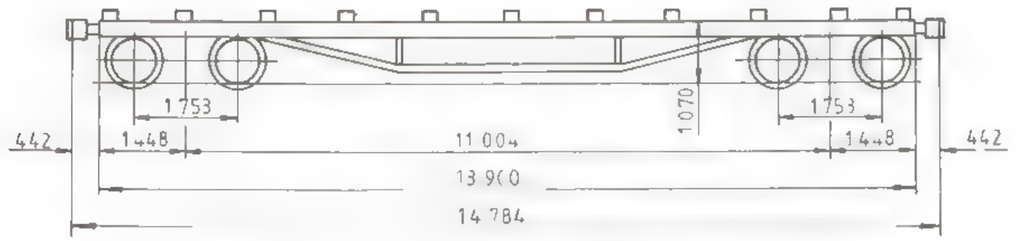
Centre of Gravity (Empty) / Swaartepunt (Leeg)	868
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	64 000
Originally designed for / Oorspronklik ontwerp vir	CONTAINER TRAFFIC / HOUERVERKEER
Converted for / Omskep vir	

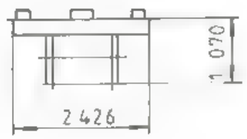
Revision / Hersiening						
Date / Datum						

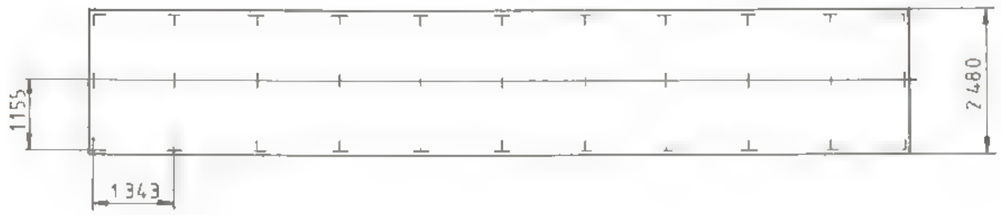
Tare (Average) kg / Tarra (Gemiddeld) kg	18 180
Load kg / Vrag kg	48 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	27,5
Capacity m^3 / Inhoudsvermoë m^3	

SHJ-4

230







Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Remarks / Opmerkings :- WAGONS ALLOCATED TO AFROX
TROKKE TOEGEKEN AAN

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
23 033 126 23 033 134 23 033 142 23 033 169	1975

Converted from / Omskep van	Date / Datum
DZ/DZA-10;DJ-2	1982
DA	1988

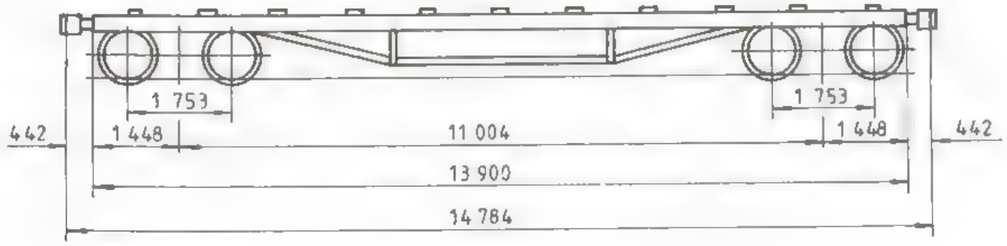
Drawing Number / Tekeningnommer	CME 5852/12-000		Centre of Gravity (Empty) / Swaartepunt (Leeg)	764
Bogie Type / Draaisteltipe	SPOORBARBER			
Bearing Size / Laergrootte	D			
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10			
Brake System / Remstelsel	V/R			
Brake Cylinders / Remsilinders	(V) 2/18	(L)	Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	74 000
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS ALGEMENE GOEDERE
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 100 / 242	(L)	Converted for / Omskep vir	FLO - B.NS"
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E			
Coupler / Yoke / Koppelaar / Juk	SASKOP S / SAR SAS			

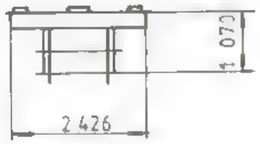
Revision / Hersiening						
Date / Datum						

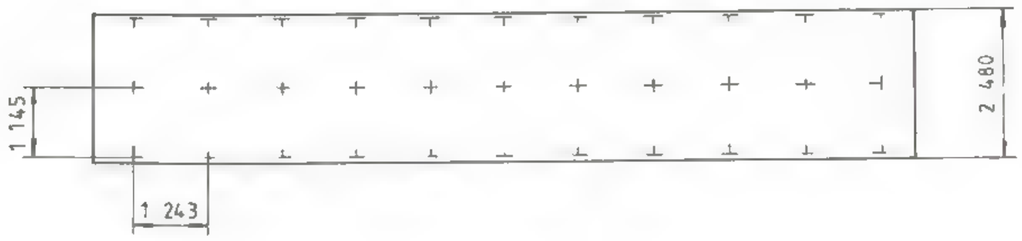
Tare (Average) kg / Tarra (Gemiddeld)	17 50
Load kg / Vrag	55 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	
Capacity m^3 / Inhoudsvermoë	

SHJ-6

SHEET 1 OF 2 SHEETS
VEL 1 VAN 2 VELLE







Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

Remarks / Opmerkings :- WAGONS ALLOCATED TO TROKKE TOEGEKEN AAN LIQUID AIR

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
*23-033 177	1975
23-033 185	1975

Converted from / Omskep van	Date / Datum
*DJ - 3	1984
DJ - 3	1985

Drawing Number / Tekeningnommer		CME 379/12-C99	
Bogie Type / Draaisteltipe		SPOORBARBER	
Bearing Size / Laergrootte		D	
Springs per Bogie / Vere per Draaistel	Outer / Inner / Buite / Binne	10/10	
Brake System / Remstelsel		V/R	
Brake Cylinders / Remsilinders		(V) 2/18	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp		(V) 65	(L)
Brake Percentage / Rempersentasie	Empty / Loaded / Leeg / Met Vrag	(V) 99,7/24	(L)
Drawgear Equipment / Trekwerkuitrusting		AAR M 901 E	
Coupler / Yoke / Koppelaar / Juk		SASKOP-S / SAR SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	764
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE
Converted for / Omskep vir	"FLO-BINS"

Revision / Hersiening						
Date / Datum						

Tare (Average) kg / Tarra (Gemiddeld) kg	17 500
Load kg / Vrag kg	55 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area / Vloeroppervlakte m^2	
Capacity / Inhoudsvermoë m^3	

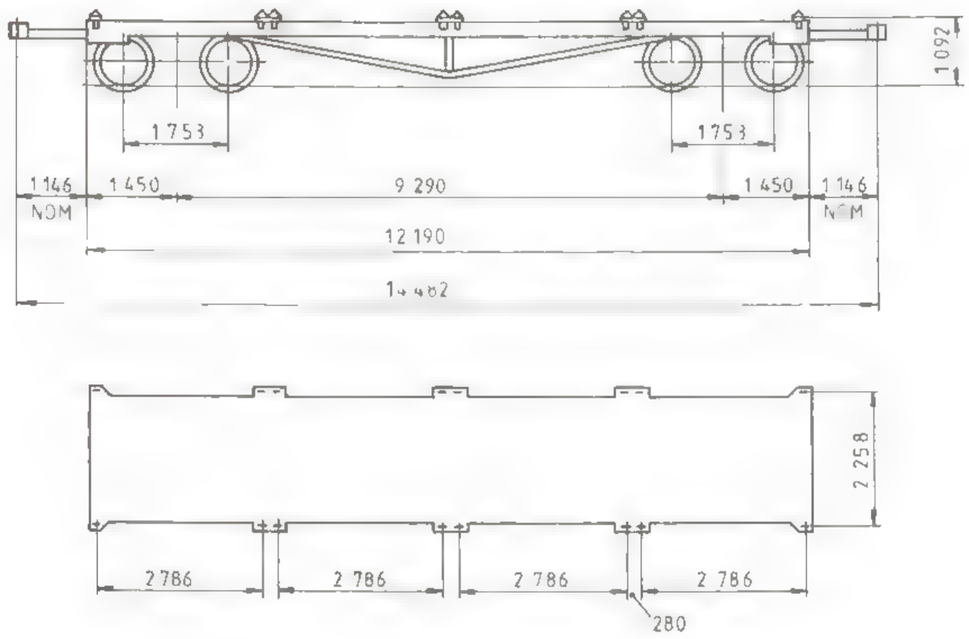
SHJ - 6

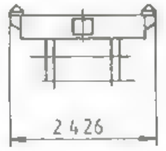
SHEET 2 OF 2 SHEETS
VEL 2 VAN 2 VELLE

232

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
■ Dual Power - Manually operated / Tweekrag - Handbediening





x1 x3

x2 x4

Remarks / Opmerkings :- RETRACTABLE TWISTLOCKS
INTREKDRAAIGRENDELS
RECODED FROM / HERKODEER VAN SHD -7

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
23-510 188 / 23-511 273	1977
23-511 281 / 23-512 776	1977-78
23-512 792 / 23-512 970	1977 78
23-512 784	
23-512 989 / 23-514 574	1977-78

Drawing Number / Tekeningnommer	W001/D049		
Bogie Type / Draaisteltipe	x3 SPOORBARBER 'HYBRID' / x4 H.S. Mk III		
Bearing Size / Laergrootte	D		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10		
Brake System / Remstelsel	V/ /R		
Brake Cylinders / Remsilinders	(V) 2/18	(L) —	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 80,0/21,8	(L) —	
Drawgear Equipment / Trekwerkuitrusting	x1 "PULLMAN" SSC 508 TRAVEL SLAG / x2 "KEYSTONE"		
Coupler / Yoke / Koppelaar / Juk	E/		

Centre of Gravity (Empty) / Swaartepunt (Leeg)	657		
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000		
Originally designed for / Oorspronklik ontwerp vir	CONTAINER TRAFFIC / HOJERVERKEER		
Converted for / Omskep vir			

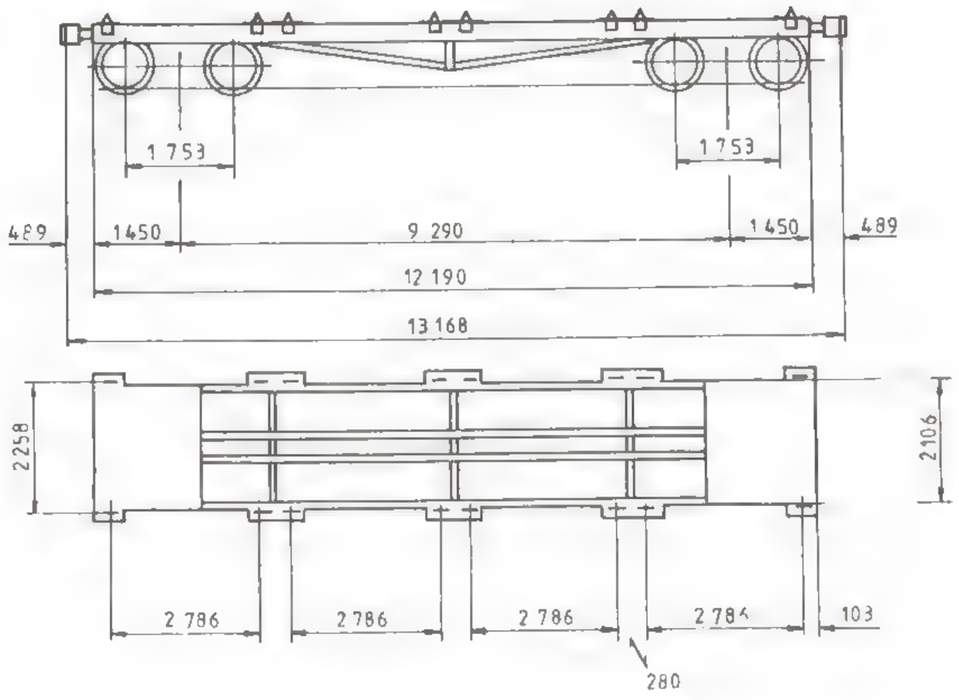
Revision / Hersiening							
Date / Datum							

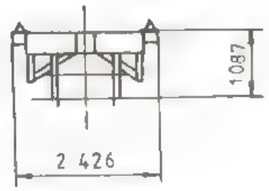
Converted from / Omskep van	Date / Datum

Tare (Average) kg / Tarra (Gemiddeld) kg	18 000
Load kg / Vrag kg	48 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	27,5
Capacity m^3 / Inhoudsvermoe m^3	

SHJ-7

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussinginrigting





Remarks / Opmerkings: RETRACTABLE TWISTLOCKS / INTREKDRAAIGRENDELS

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
23-250 003 / 23-261 552 23-261 560 / 23-267 593	1976-77 1979-80

Converted from / Omskep van	Date / Datum

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Drawing Number / Tekeningnommer	W 001 / D 044	
Bogie Type / Draaisteltipe	HS Mk III ; HS Mk VII	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10	
Brake System / Remstelsel	L/R	
Brake Cylinders / Remsilinders	(V)	(L) 1/10×12
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V)	(L) 32
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V)	(L) 74 / 16,9
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	E	/ SAR SAS

Centre of Gravity (Empty) / Swaartepunt (Leeg)	625
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	CONTAINER TRAFFIC HOUERVERKEER
Converted for / Omskep vir	

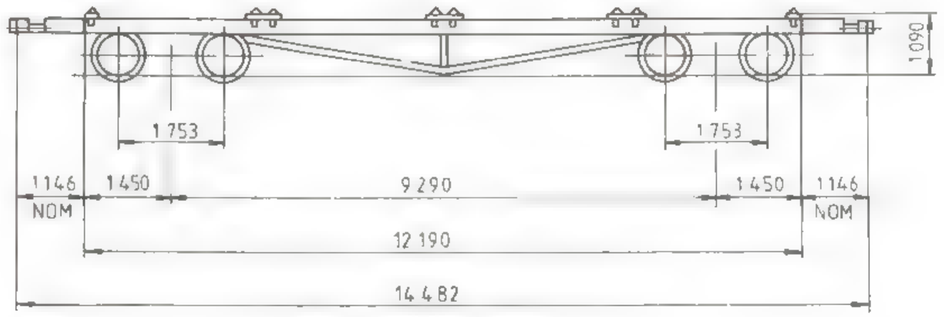
Revision / Hersiening							
Date / Datum							

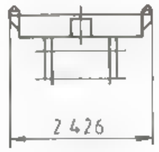
Tare (Average) kg / Tarra (Gemiddeld) kg	14 200
Load / Vrag kg	48 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte m^2	
Capacity m^3 / Inhoudsvermoë m^3	

SHL-5

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller





Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
23 011 114 / 23-023 546	1981 - 82

Remarks / Opmerkings :- RETRACTABLE TWISTLOCKS / INTREKDRAAIGRENDELS
8 WAGONS FITTED WITH ADDITIONAL RETRACTABLE TWISTLOCKS FOR FREIGHT BINS / TROKKE MET ADDISIONELE INTREKDRAAIGRENDELS VIR VRAGBAKKE GEPAS
23-012 706, 23-013 605, 23-014 083, 23-016 280, 23-017 759, 23-021 063, 23-022 019, 23-022 876

Drawing Number / Tekeningnommer	W001 / D069	
Bogie Type / Draaisteltipe	HS MK VII	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	19 / 10	
Brake System / Remstelsel	L / V / R	
Brake Cylinders / Remsilinders	(V) 2 / 18	(L) 1 / 10 x 12
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) 32
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 74,8 / 21	(L) 61,8 / 16,9
Drawgear Equipment / Trekwerkuitrusting	"KEYSTONE" SSC 508 TRAVEL SLAG	
Coupler / Yoke / Koppelaar / Juk	E / -	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	660
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	CONTAINER TRAFFIC / HOUERVERKEER
Converted for / Omskep vir	

Revision / Hersiening							
Date / Datum							

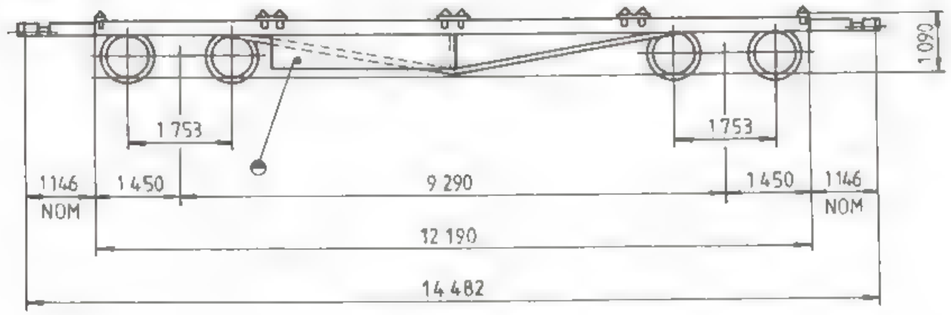
Converted from / Omskep van	Date / Datum

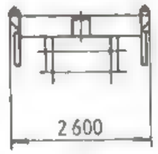
Tare (Average) kg / Tarra (Gemiddeld)	18 800
Load kg / Vrag	48 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	27,5
Capacity m^3 / Inhoudsvermoë	

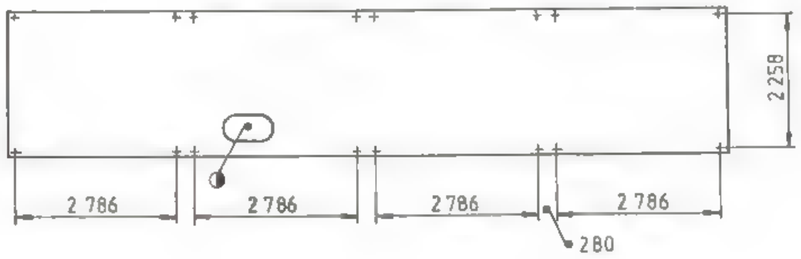
SHLJ-10

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingin rigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingin rigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller







Remarks / Opmerkings : RETRACTABLE TWISTLOCKS / INTREKDRAAIGRENDELS

● HEAVY ROAD VEHICLE / SWAAR PADVOERTUIG

◑ TIE-DOWN EQUIPMENT STORAGE BIN / WOELTOERUSTINGKAS

◓ BRIDGE BEAM (TWO PER WAGON) / BRUGBALK (TWEE PER TROK)

Drawing Number / Tekeningnommer	W001 / D070	
Bogie Type / Draaisteltipe	HS MK VII	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 10	
Brake System / Remstelsel	L / V / R	
Brake Cylinders / Remsilinders	(V) 2 / 18	(L) 1 / 10 × 12
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) 32
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 69,8 / 20,7	(L) 57,4 / 17
Drawgear Equipment / Trekwerkuitrusting	"KEYSTONE" SSC 508 TRAVEL SLAG	
Coupler / Yoke / Koppelaar / Juk	E / –	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	660
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	CONTAINER TRAFFIC / HOUERVERKEER ●
Converted for / Omskep vir	

Revision / Hersiening							
Date / Datum							

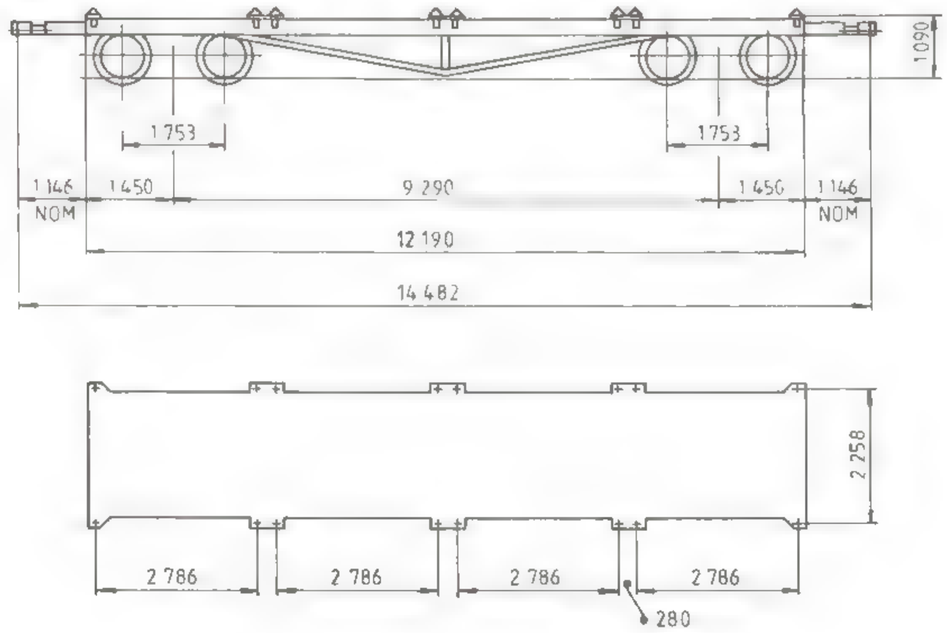
Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
23 - 023 554 / 23 - 024 291	1982

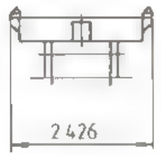
Converted from / Omskep van	Date / Datum

Tare (Average) kg / Tarra (Gemiddeld)	20 240
Load kg / Vrag	48 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	27,5
Capacity m^3 / Inhoudsvermoë	

SHLJ-11

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting





Remarks / Opmerkings :- RETRACTABLE TWISTLOCKS
INTREKDRAAIGRENDELS
2 WAGONS FITTED WITH ADDITIONAL RETRACTABLE TWISTLOCKS FOR FREIGHT BINS
2 TROKKE MET ADDISIONELE INTREKDRAAIGRENDELS VIR VRAGBAKKE GEPAS
23-024 429, 23-032-243

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
23 024 305 / 23-033 118	1981-82

Converted from / Omskep van	Date / Datum

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
■ Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Drawing Number / Tekeningnommer	W001 / F029		
Bogie Type / Draaisteltipe	HS MK VII		
Bearing Size / Laergrootte	D		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 10		
Brake System / Remstelsel	L / V / R		
Brake Cylinders / Remsilinders	(V) 2 / 18	(L) 1 / 10 × 12	
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L) 32	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 72,9 / 20,6	(L) 58,6 / 16,6	
Drawgear Equipment / Trekwerkuitrusting	"KEYSTONE" SSC 508	TRAVEL S.A.G.	
Coupler / Yoke / Koppelaar / Juk	E / -		

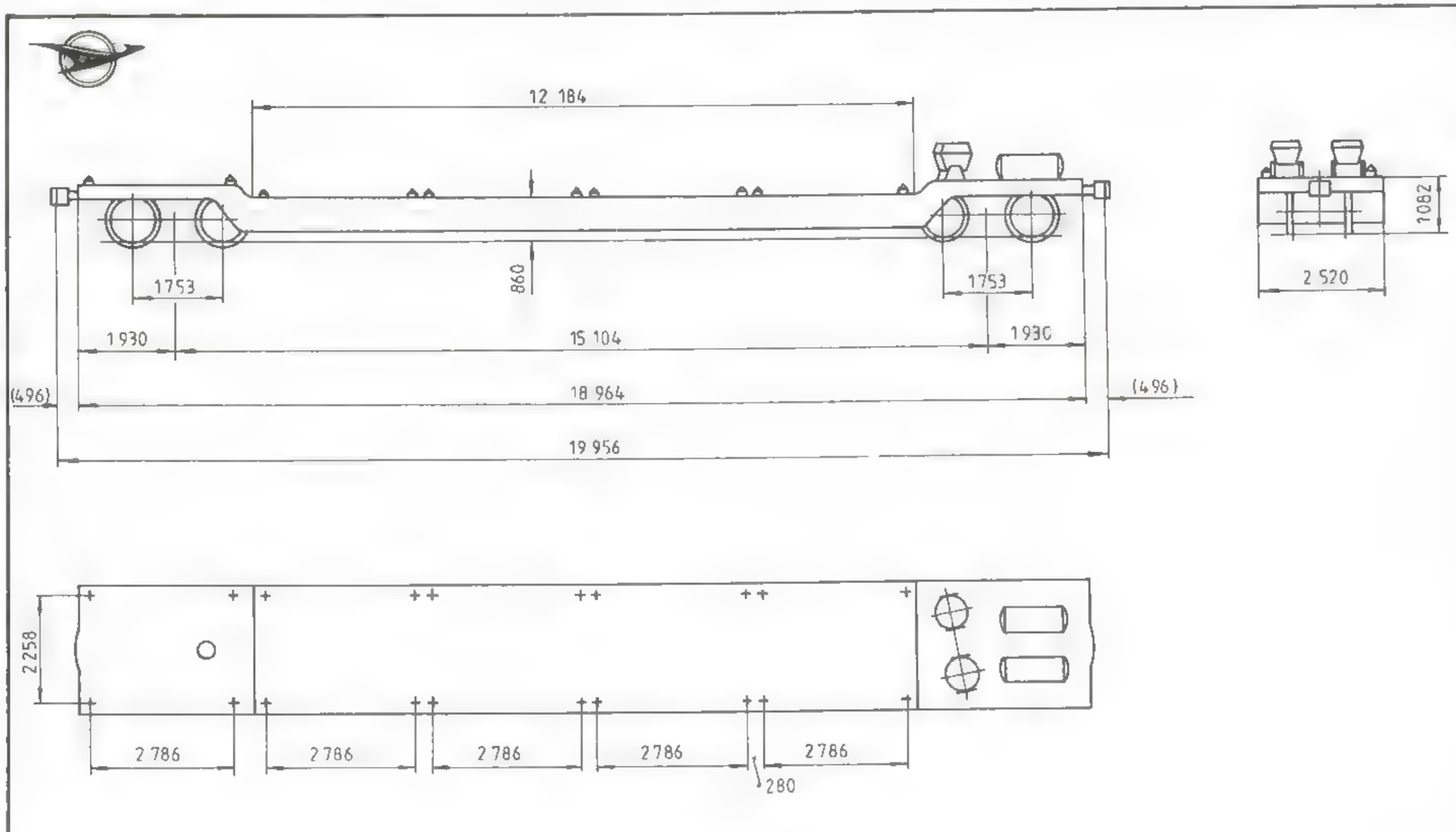
Centre of Gravity (Empty) / Swaartepunt (Leeg)	660
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	CONTAINER TRAFFIC / HOUERVERKEER
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

Tare (Average) kg / Tarra (Gemiddeld) kg	18 900
Load kg / Vrag kg	48 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	27 5
Capacity m^3 / Inhoudsvermoe m^3	

SHLJ-12

237



Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel

A Dual Power - Automatic
Tweekrag - Outomaties
R Slack Adjuster
Remverstelller

V Vacuum
Vakuum
L Air
Lug
D Dual Power - Manually operated
Tweekrag - Handbediening

Remarks
Opmerkings :-

◑ "KEYSTONE" 10G (254 STROKE / SLAG)
RETRACTABLE TWISTLOCKS
INTREKORAAIGRENDELS

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
23-045 833 / 23-046 384	1986

Converted from / Omskep van	Date / Datum

Drawing Number / Tekeningnommer	W001/D086	
Bogie Type / Draaisteltipe	HS MK VII	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10	
Brake System / Remsteisel	L/VIR	
Brake Cylinders / Remsilinders	(V) 2/21	(L) 1/10 × 12
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) 32
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 72,02 / 22,06	(L) 65,45 / 20,04
Drawgear Equipment / Trekwerkuitrusting	◑ KK	
Coupler / Yoke / Koppelaar / Juk	E 68/-	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	655
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	80 000
Originally designed for / Oorspronklik ontwerp vir	CONTAINER TRAFFIC / HOUERVERKEER
Converted for / Omskep vir	

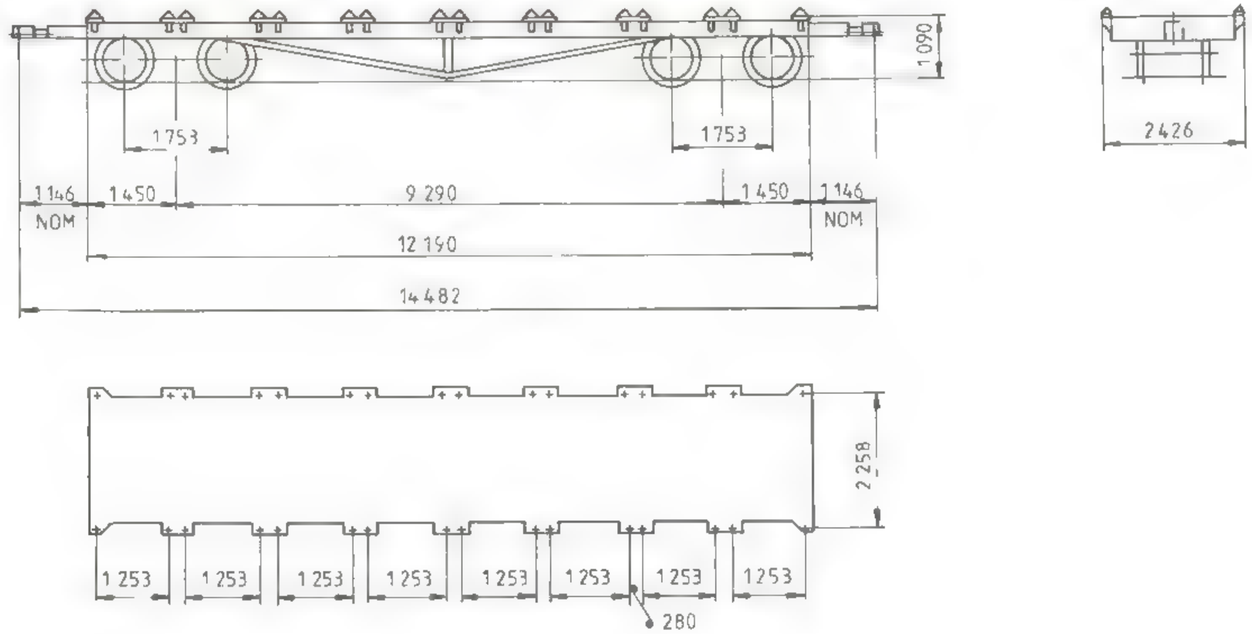
Revision / Hersiening							
Date / Datum							

Tare (Average) kg / Tarra (Gemiddeld)	24 500
Load (Total) kg / Vrag (Totaal)	55 500
Load (In Water) kg / Vrag (In Put)	48 000
Floor Area m^2 / Vloeroppervlakte	——
Capacity m^3 / Inhoudsvermoë	——

SHLJ-13

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
■ Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening



Remarks :- RETRACTABLE TWISTLOCKS
Opmerkings INTREKDRAAIGRENDELS

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
23-800 003 / 23-812 656	1985 - 87

Converted from / Omskep van	Date / Datum

Drawing Number / Tekeningnommer	W 001 / D085		
Bogie Type / Draaisteltipe	HS MK VII		
Bearing Size / Laergrootte	D		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 10		
Brake System / Remstelsel	L/V/R		
Brake Cylinders / Remsilinders	(V) 2 / 18	(L) 1/10 × 12	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) 32	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 84 / 23,75	(L) 70 95 / 20,04	
Drawgear Equipment / Trekwerkuitrusting	"KEYSTONE" SSC 508	TRAVEL SLAG	
Coupler / Yoke / Koppelaar / Juk	E / -		

Centre of Gravity (Empty) / Swaartepunt (Leeg)	660		
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000		
Originally designed for / Oorspronklik ontwerp vir	CONTAINER TRAFFIC / HOUERVERKEER		
Converted for / Omskep vir			

Revision / Hersiening						
Date / Datum						

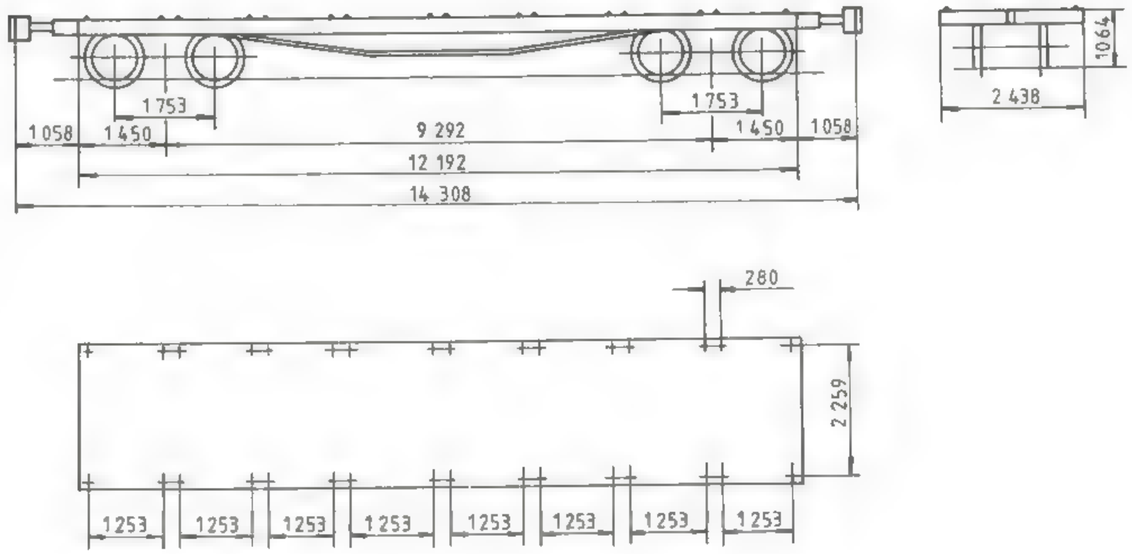
Tare (Average) kg / Tarra (Gemiddeld)	18 900
Load kg / Vrag	48 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	27,5
Capacity m^3 / Inhoudsvermoë	

SMLJ - 1

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussinginrigting

SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussinginrigting



Remarks / Opmerkings : 1 FREIGHT BINS AND CONTAINER TRAFFIC / VRAGBAKKE EN HOUERVERKEER

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
23-813 008 / 23-813 423	1974 – 75
23-813 431 / 23-827 947	1975 – 77
23-827 955 / 23-835 354	1977 – 78
23-835 362 / 23-840 838	1978 – 79
23-840 846 / 23-846 291	1978 – 79

Converted from / Omskep van	Date / Datum
FP-5	1985 – 1988

Brake System - Remstelsel

A Dual Power - Automatic / Tweekrag - Outomaties
Slack Adjuster / Remversteller

V Vacuum / Vakuum
L Air / Lug
D Dual Power – Manually operated / Tweekrag – Handbediening

Drawing Number / Tekeningnommer		CME 453/12-C99	
Bogie Type / Draaisteltipe		HS MK III	
Bearing Size / Laergrootte		"C"/"D"	
Springs per Bogie / Vere per Draaistel	Outer / Buite / Inner / Binne	10/6	
Brake System / Remstelsel		L/V/R	
Brake Cylinders / Remsilinders		(V) 2/18	(L) 1/10×12
Train Pipe / Treinpyp / Brake Pipe / Rempyp		(V) 65	(L) 32
Brake Percentage / Rempersentasie	Empty / Leeg / Loaded / Met Vrag	(V) 84,2 / 23,9	(L) 84,8 / 24
Drawgear Equipment / Trekwerkuitrusting		"KEYSTONE" SSC 508	TRAVEL SLAG
Coupler / Yoke / Koppelaar / Juk		SASKOP – S/–	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	64 000
Originally designed for / Oorspronklik ontwerp vir	PARCELS / PAKKETTE
Converted for / Omskep vir	1

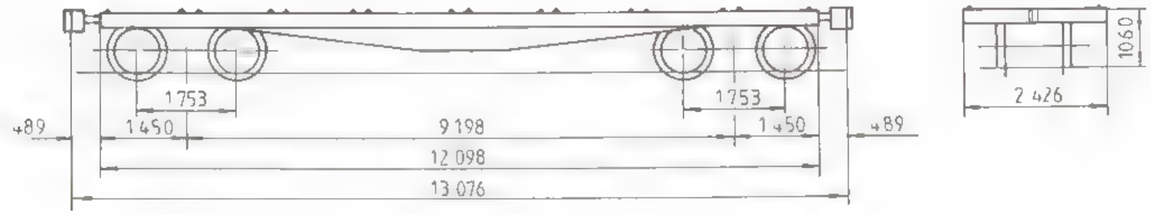
Revision / Hersiening						
Date / Datum						

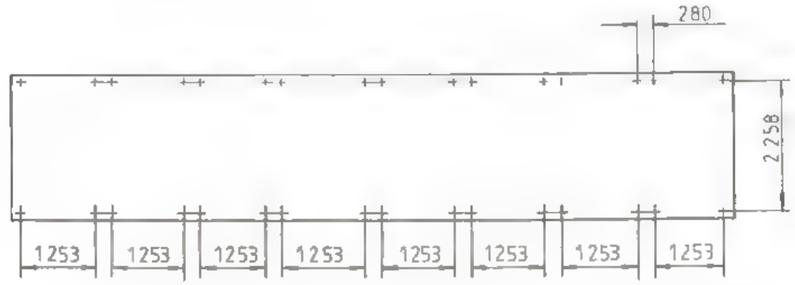
Tare (Average) kg / Tarra (Gemiddeld)	19000
Load kg / Vrag	48 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	29,7
Capacity m^3 / Inhoudsvermoë	

SMLJ-2

240

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingrigting





Remarks / Opmerkings :-

* 1 FREIGHT BINS AND CONTAINER TRAFFIC
VRAGBAKKE EN HOUERVERKEER

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
23-847 018 / 23-849 754	1986 - 88

Converted from / Omskep van	Date / Datum

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

Drawing Number / Tekeningnommer		CME 189/12 A21	
Bogie Type / Draaisteltipe		HS MK VII	
Bearing Size / Laergrootte		D	
Springs per Bogie / Vere per Draaistel	Outer / Inner / Buite / Binne	10/10	
Brake System / Remstelsel		L/V/R	
Brake Cylinders / Remsilinders		(V) 2/18	(L) 1/10×12
Train Pipe / Treinpyp / Brake Pipe / Rempyp		(V) 65	(L) 32
Brake Percentage / Rempersentasie	Empty / Loaded / Leeg / Met Vrag	(V) 83,6 / 21,3	(L) 83,5 / 21,3
Drawgear Equipment / Trekwerkuitrusting		RUBBER "NC 440"	
Coupler / Yoke / Koppelaar / Juk		E/E	

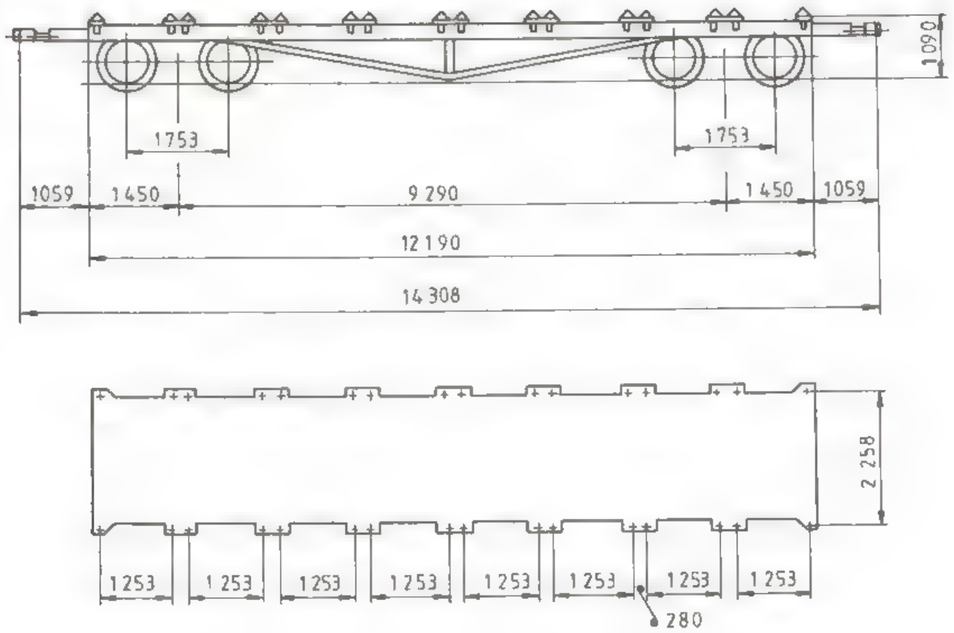
Centre of Gravity (Empty) / Swaartepunt (Leeg)	
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	80 000
Originally designed for / Oorspronklik ontwerp vir	
Converted for / Omskep vir	* 1

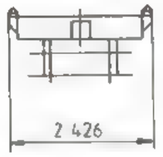
Revision / Hersiening							
Date / Datum							

Tare (Average) kg / Tarra (Gemiddeld) kg	16 450
Load kg / Vrag kg	48 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	29,35
Capacity m^3 / Inhoudsvermoe m^3	

SMLJ-3

241





Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power-Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remversteller

Remarks / Opmerkings :- RETRACTABLE TWISTLOCKS / INTREKDRAAIGRENDELS

*1 FREIGHT BINS AND CONTAINER TRAFFIC / VRAGBAKKE EN HOUERVERKEER

Vehicle Numbers / Voertuignommers	Placed In Service / In Gebruik Geneem
23-853 018 / 23-856 998	1987

Converted from / Omskep van	Date / Datum

Drawing Number / Tekeningnommer	W001 / D092	
Bogie Type / Draaisteltipe	HS MK VII	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/6	
Brake System / Remstelsel	L/V/R	
Brake Cylinders / Remsilinders	(V) 2/18	(L) 1/10 × 12
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L) 32
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 89,5 / 25,3	(L) 75,5 / 21,3
Drawgear Equipment / Trekwerkuitrusting	"KEYSTONE" SSC 508	TRAVEL S. AG
Coupler / Yoke / Koppelaar / Juk	E/-	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	660
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	*1
Converted for / Omskep vir	

Revision / Hersiening							
Date / Datum							

Tare (Average) kg / Tarra (Gemiddeld) kg	18 900
Load kg / Vrag kg	48 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	27 5
Capacity m^3 / Inhoudsvermoë m^3	

SMLJ-4

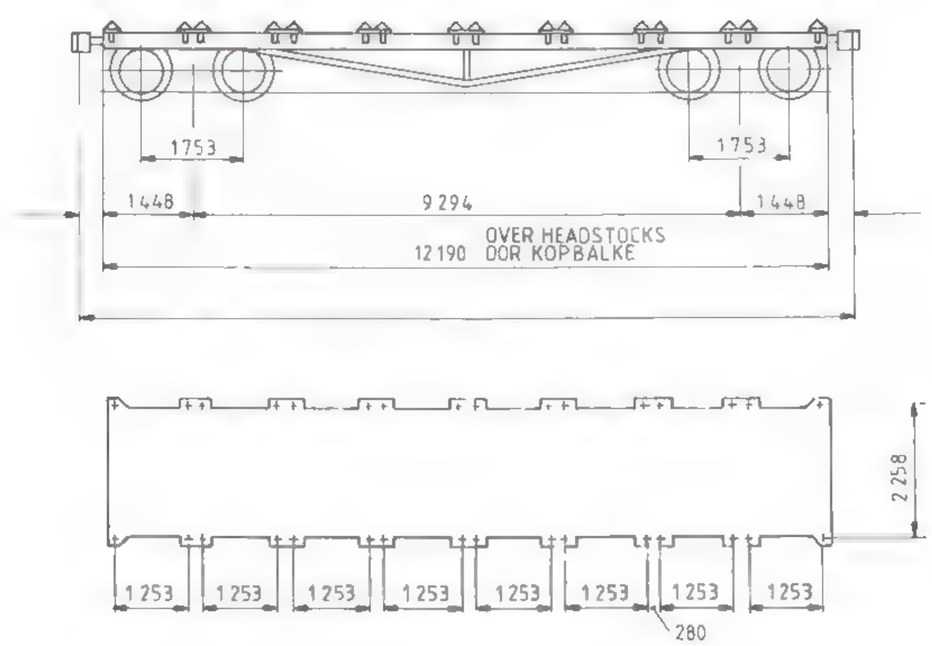
OZALID 85 2948

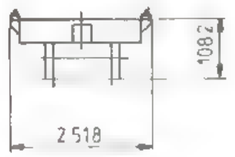
08-85

Drawgear Equipment · Trekwerkuitrusting

K Coupler Hydraulic cushioning device
K Koppelaar hidroulies kussinginrigting

SC Centre sill hydraulic cushioning device
SC Middelbalk hidroulies kussinginrigting





Remarks
Opmerkings *1 FREIGHT BINS AND CONTAINER TRAFFIC
VRAGBAKKE EN HOUERVERKEER

RETRACTABLE TWISTLOCKS
INTREKDRAAIGRENDELS

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
23-857 005 / 23-859 741	1988 89

Converted from / Omskep van	Date / Datum

Brake System - Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power-Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remversteller

Drawing Number / Tekeningnommer		W001/0094	
Bogie Type / Draaisteltipe		HS Mk VII	
Bearing Size / Laergrootte		D	
Springs per Bogie / Vere per Draaistel	Outer / Inner / Buite / Binne	10/6	
Brake System / Remstelsel		L/V/R	
Brake Cylinders / Remsilinders		(V) 2/18	(L) 1/10x12
Train Pipe / Treinpyp / Brake Pipe / Rempyp		(V) 65	(L) 32
Brake Percentage / Rempersentasie	Empty / Loaded / Leeg / Met Vrag	(V)84,62/22,07	(L)84,74/22 07
Drawgear Equipment / Trekwerkuitrusting		RUBBER "NC 440"	
Coupler / Yoke / Koppelaar / Juk		E/-	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	660
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	65 000
Originally designed for / Oorspronklik ontwerp vir	
Converted for / Omskep vir	*1

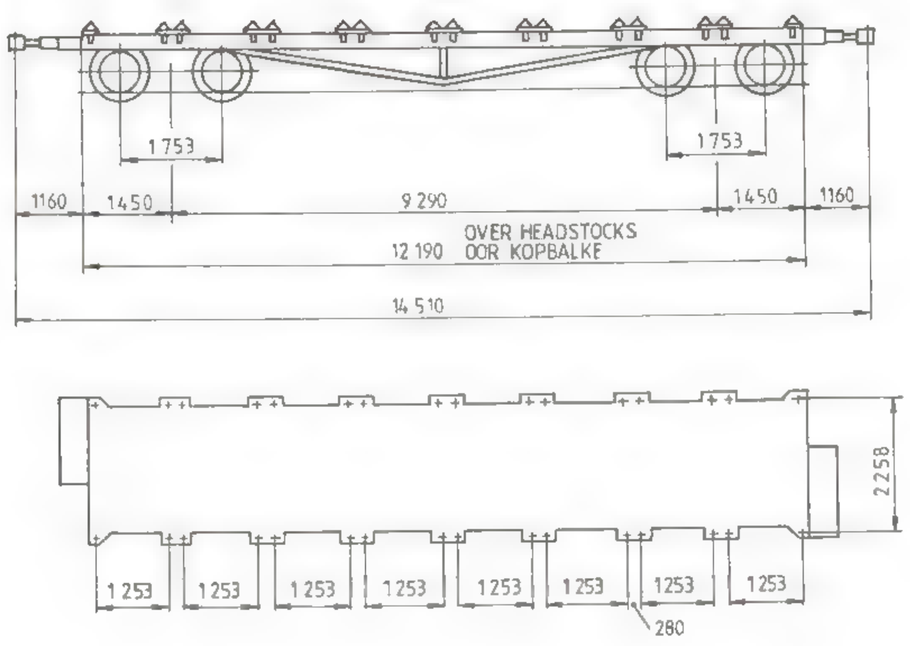
Revision / Hersiening						
Date / Datum						

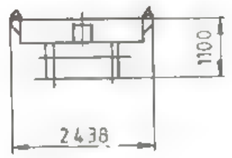
Tare (Average) kg / Tarra (Gemiddeld)	16 650
Load kg / Vrag	48 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	27,5
Capacity m^3 / Inhoudsvermoe	

SMLJ - 6

Drawgear Equipment · Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussinginrigting

Brake System - Remstelsel
A Dual Power-Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening





Remarks / Opmerkings *1 FREIGHT BINS AND CONTAINER TRAFFIC / VRAGBAKKE EN HOUERVERKEER

RETRACTABLE TWISTLOCKS
INTREKDRAAIGRENDELS

Drawing Number / Tekeningnommer	CME 556/12 - C99	
Bogie Type / Draaisteltipe	SPOORBARBER	
Bearing Size / Laergrootte	C	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/6	
Brake System / Remstelsel	L/V/R	
Brake Cylinders / Remsilinders	(V) 1/21	(L) 1/10×12
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) 32
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 74,84/21,22	(L) 74,82/21,22
Drawgear Equipment / Trekwerkuitrusting	FREIGHT MASTER KK 381	STROKE / SLAG
Coupler / Yoke / Koppelaar / Juk	SASKOP - S/	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	64 000
Originally designed for / Oorspronklik ontwerp vir	
Converted for / Omskep vir	* 1

Revision / Hersiening							
Date / Datum							

Vehicle Numbers / Voertuignommers	Placed In Service / In Gebruik Geneem
23-860 006 / 23-863 293	1971 - 73

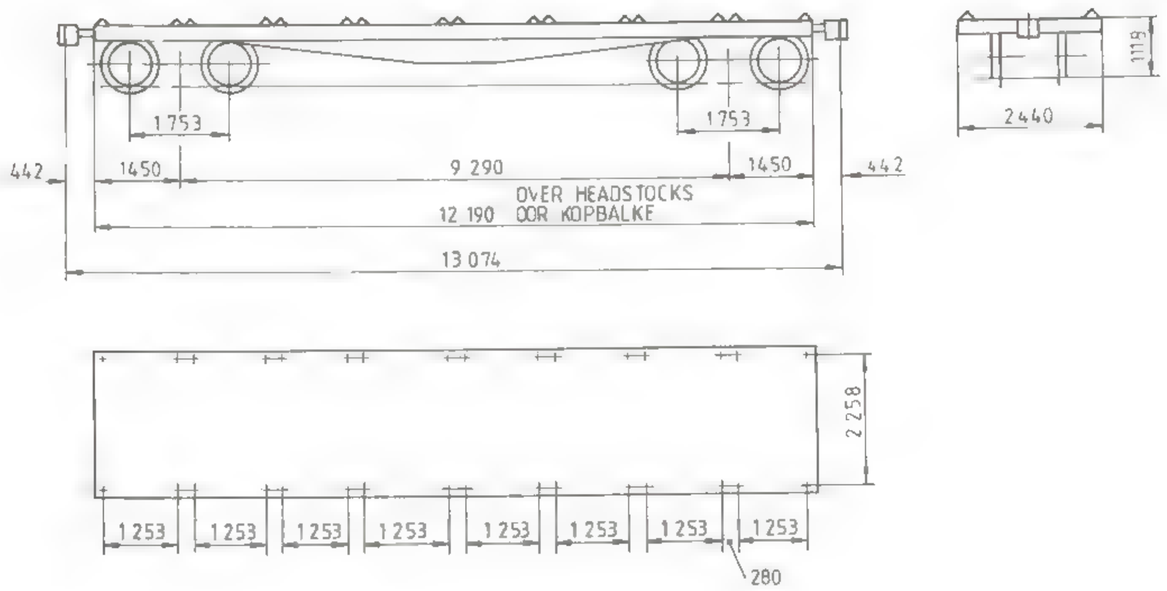
Converted from / Omskep van	Date / Datum
L 1/LJ 1	1987 -

Tare (Average) kg / Tarra (Gemiddeld)	19 000
Load kg / Vrag	48 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	27.5
Capacity m^3 / Inhoudsvermoë	

SMLJ-7

Drawgear Equipment · Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussinginrigting

Brake System · Remsteisel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power-Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remversteller



Remarks / Opmerkings *1 FREIGHT BINS AND CONTAINER TRAFFIC / VRAGBAKKE EN HOUERVERKEER

Drawing Number / Tekeningnommer	CME 558/12-C99	
Bogie Type / Draaisteltipe	HS MK III	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/6	
Brake System / Remsteisel	L/V/R	
Brake Cylinders / Remsilinders	(V) 1/21	(L) 1/10 x 12
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L) 32
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 85,7/20,5	(L) 78,4/20,5
Drawgear Equipment / Trekwerkuitrusting	RUBBER NC - 440	
Coupler / Yoke / Koppelaar / Juk	SASKOP-S/SAR SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	
Converted for / Omskep vir	*1

Revision / Hersiening						
Date / Datum						

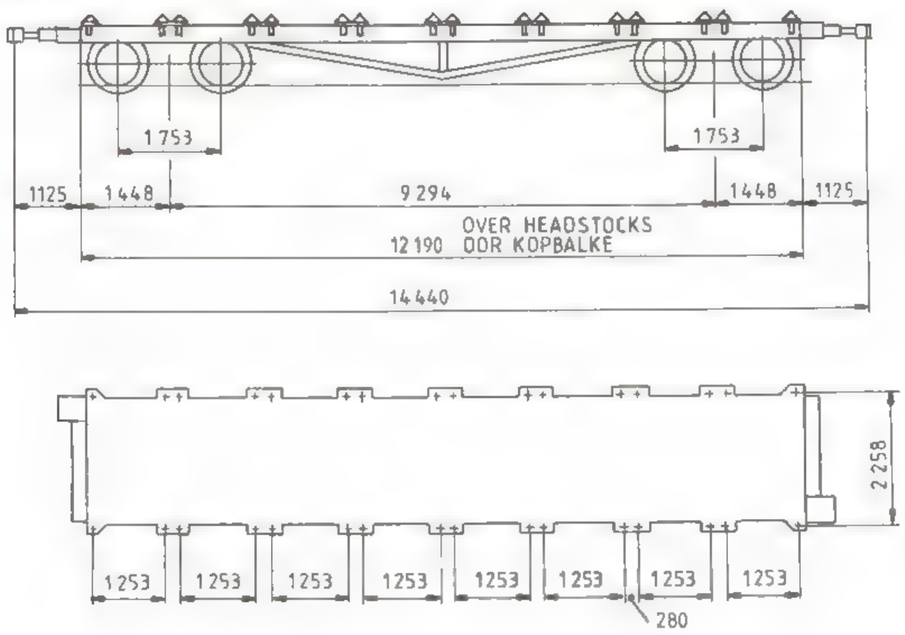
Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
23-864 451 / 23-872 586	1974-75
23-871 040 / 23-872 608	1974-75

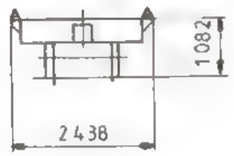
Converted from / Omskep van	Date / Datum
OZ-12	1988

Tare (Average) kg / Tarra (Gemiddeld)	17 000
Load kg / Vrag	48 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	29,7
Capacity m^3 / Inhoudsvermoe	

SMLJ-8

245





Drawgear Equipment · Trekwerkuitrusting
KK Coupler hydraulic cushioning device
Koppelaar hidroulies kussinginrigting
SSC Centre sill hydraulic cushioning device
Middelbalk hidroulies kussinginrigting

Brake System · Remstelsel
A Dual Power-Automatic
Tweekrag-Outomaties
R Slack Adjuster
Remversteller
V Vacuum
Vakuum
L Air
Lug
D Dual Power - Manually operated
Tweekrag - Handbediening

Vehicle Numbers / Voertuignommers	Placed In Service / In Gebruik Geneem
23-891 009 / 23-894 849	1989

Remarks / Opmerkings
X1 FREIGHT BINS AND CONTAINER TRAFFIC
VRAGBAKKE EN HOUERVERKEER

RETRACTABLE TWISTLOCKS
INTREKDRAAIGRENDELS

● 250 kN PRE-LOAD / VOORBELAS

Drawing Number / Tekeningnommer	W001/0095	
Bogie Type / Draaisteltipe	HS Mk VII	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/6	
Brake System / Remstelsel	L/VR	
Brake Cylinders / Remsilinders	(V) 2/18	(L) 1/10x12
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) 32
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 81,9 / 21,8	(L) 82 / 21,8
Drawgear Equipment / Trekwerkuitrusting ●	"KEYSTONE" KK 381 STROKE SLAG	
Coupler / Yoke / Koppelaar / Juk	E/-	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	660
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	X1
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

Converted from / Omskep van	Date / Datum

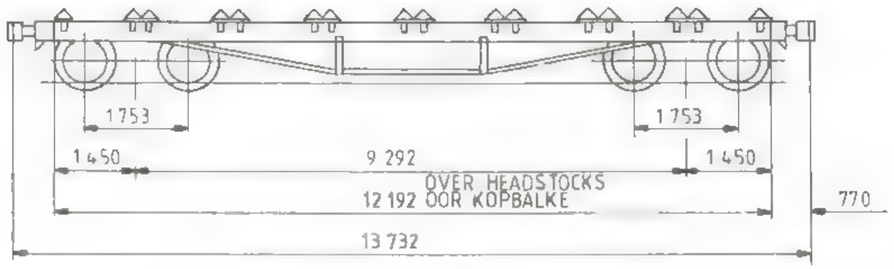
Tare (Average) kg / Tarra (Gemiddeld) kg	17 500
Load kg / Vrag kg	48 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	27,5
Capacity m^3 / Inhoudsvermoe m^3	

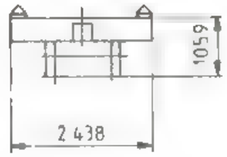
SMLJ - 9

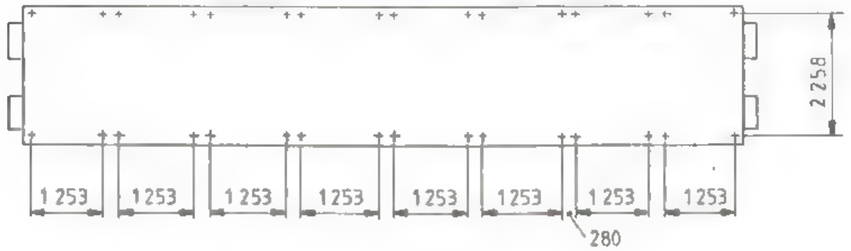
246

Drawgear Equipment · Trekwerkuitrusting
KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussingin rigting
SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussingin rigting

Brake System · Remsteelsel
Dual Power-Automatic
A Tweekrag-Outomaties
R Slack Adjuster
Remversteller
Vacuum
V Vakuum
Air
L Lug
Dual Power - Manually operated
D Tweekrag - Handbediening







Remarks / Opmerkings
*1 FREIGHT BINS AND CONTAINER TRAFFIC
VRAGBAKKE EN HOUERVERKEER

RETRACTABLE TWISTLOCKS
INTREKDRAAIGRENDEL

Drawing Number / Tekeningnommer	CME 666/12-C99	
Bogie Type / Draaisteltipe	HS Mk III	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/6	
Brake System / Remsteelsel	L/V/R	
Brake Cylinders / Remsilinders	(V) 1/21	(L) 1/10x12
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) 32
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 81,4/21,75	(L) 81,37/21,74
Drawgear Equipment / Trekwerkuitrusting	KEYSTONE KK 254	STROKE SLAG
Coupler / Yoke / Koppelaar / Juk	SASKOP S/-	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	
Converted for / Omskep vir	*1

Revision / Hersiening						
Date / Datum						

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
23-895 004 / 23-901 772	1973/74
23-901 780 / 23-910 070	1973/74

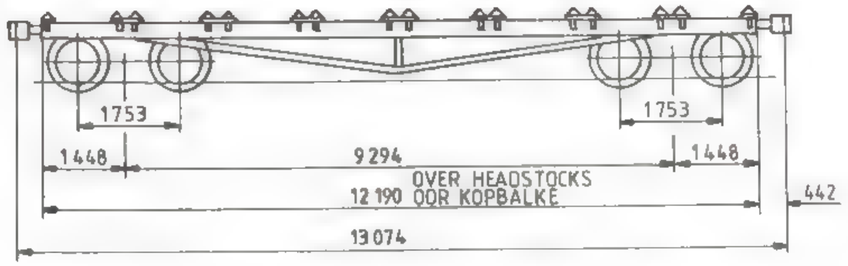
Converted from / Omskep van	Date / Datum
FP-4	1988

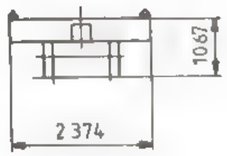
Tare (Average) kg / Tarra (Gemiddeld)	17 500
Load kg / Vrag	48 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	29,7
Capacity m^3 / Inhoudsvermoe	

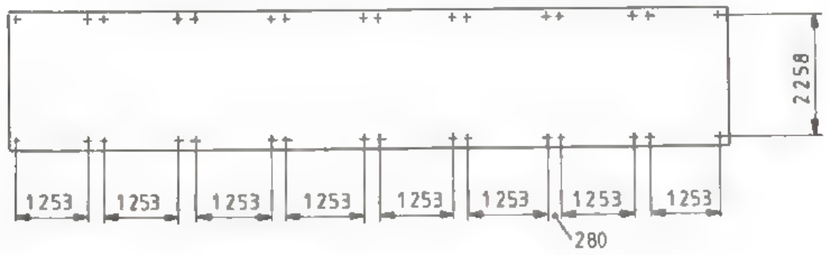
SMLJ-10

OZALID 85 2848

08-85







Remarks / Opmerkings: *1 FREIGHT BINS AND CONTAINER TRAFFIC / VRAGBAKKE EN HOUERVERKEER

Drawgear Equipment · Trekwerkuitrusting
K K Coupler hydraulic cushioning device / Koppelaar hidroulièse kussinginrigting
S S C Centre sill hydraulic cushioning device / Middelbalk hidroulièse kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power-Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remversteller

Drawing Number / Tekeningnommer		CME 674/12-C99	
Bogie Type / Draaisteltipe		SPOORBARBER	
Bearing Size / Laergrootte		C	
Springs per Bogie / Vere per Draaistel	Outer / Inner / Buite / Binne	10 / 6	
Brake System / Remstelsel		L/V/R	
Brake Cylinders / Remsilinders		(V) 2 x 18	(L) 2 / 7 x 12
Train Pipe / Treinpyp / Brake Pipe / Rempyp		(V) 65	(L) 32
Brake Percentage / Rempersentasie	Empty / Loaded / Leeg / Met Vrag	(V) 86 52 / 23,1	(L) 81,5 / 21,8
Drawgear Equipment / Trekwerkuitrusting		RUBBER "NC 440"	
Coupler / Yoke / Koppelaar / Juk		SASKOP / S	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor kg	60 000
Originally designed for / Oorspronklik ontwerp vir	
Converted for / Omskep vir	*1

Revision / Hersiening						
Date / Datum						

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
23-905 018 / 23-908 955	1971-74

Converted from / Omskep van	Date / Datum
GZ-10	1989-90

Tare (Average) / Tarra (Gemiddeld)	kg	17 500
Load / Vrag	kg	48 000
Load (Coal) / Vrag (Steenkool)	kg	
Floor Area / Vloeroppervlakte	m^2	28,9
Capacity / Inhoudsvermoë	m^3	

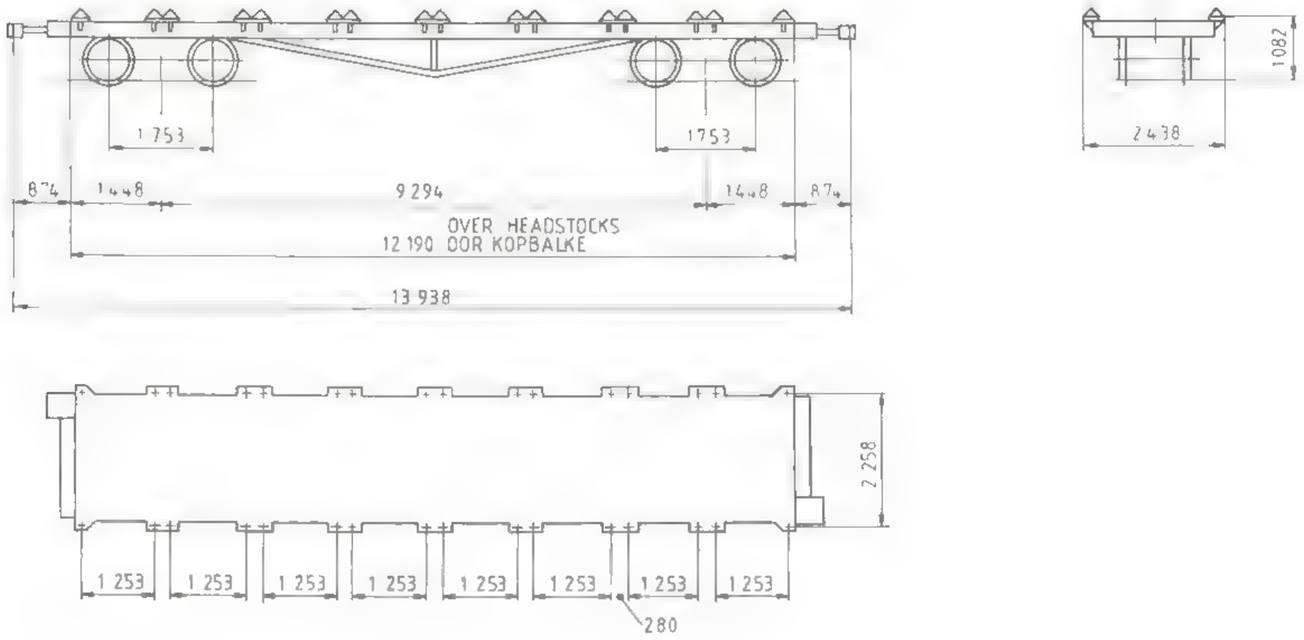
SMLJ-11

248

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting



Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
23-918 004/23-922 184	1990

Remarks / Opmerkings *1 FREIGHT BINS AND CONTAINER TRAFFIC
VRAGBAKKE EN HOUERVERKEER

RETRACTABLE TWISTLOCKS
INTREKORAAIGRENDELS

Brake System - Remstelsel

V Vacuum / Vakuum
A Air / Lug
L Dual Power - Manually operated
D Tweekrag - Handbediening

Dual Power-Automatic / Tweekrag-Outomaties
A Slack Adjuster / Remversteller
R

Drawing Number / Tekeningnommer	W001/D095	
Bogie Type / Draaisteltipe	HS Mk VII	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10.10	
Brake System / Remstelsel	L/V/R	
Brake Cylinders / Remsilinders	(V) 2 - 18	(L) 1 - 10×12
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) 32
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 81 9/21,8	(L) 82/21,8
Drawgear Equipment / Trekwerkuitrusting	RUBBER "NC 440"	
Coupler / Yoke / Koppelaar / Juk	E/E	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	660
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	80 000
Originally designed for / Oorspronklik ontwerp vir	*1
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

Converted from / Omskep van	Date / Datum

Tare (Average) kg / Tarra (Gemiddeld)	17 050
Load kg / Vrag	48 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	27.5
Capacity m^3 / Inhoudsvermoe	

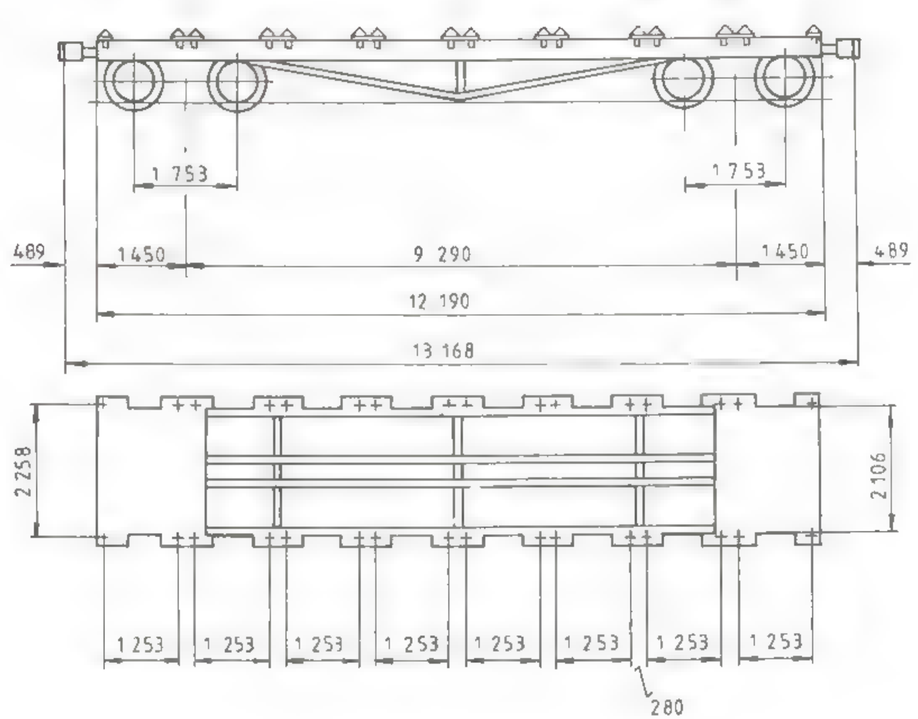
SMLJ - 12

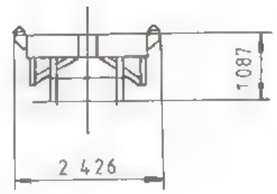
OZALID 85 2948

08-85

250

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingrigting





Remarks / Opmerkings: RETRACTABLE TWISTLOCKS / INTREKDRAAIGRENDELS

*1: FREIGHT BINS AND CONTAINER TRAFFIC / VRAGBAKKE EN HOUERVERKEER.

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
23-873 000 / 23-875 194	1976 - 80
23-875 208 / 23-879 033	1976 - 80

Converted from / Omskep van	Date / Datum
SHL-5 & SHR-5	1987

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Drawing Number / Tekeningnommer		CME 521/12-C99	
Bogie Type / Draaisteltipe		HS MK III, HS MK VII	
Bearing Size / Laergrootte		D	
Springs per Bogie / Vere per Draaistel	Outer / Buite / Inner / Binne	10/10	
Brake System / Remstelsel		L/A/R	
Brake Cylinders / Remsilinders		(V)	(L) 1/10 x 12
Train Pipe / Treinpyp Brake Pipe / Rempyp		(V)	(L) 32
Brake Percentage / Rempersentasie	Empty / Leeg / Loaded / Met Vrag	(V)	(L) 56/22.9
Drawgear Equipment / Trekwerkuitrusting		AAR M 901 E	
Coupler / Yoke / Koppelaar / Juk		E/SAR SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	625
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	*1
Converted for / Omskep vir	

Revision / Hersiening							
Date / Datum							

Tare (Average) kg / Tarra (Gemiddeld)	14 700
Load kg / Vrag	48 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	27,5
Capacity m^3 / Inhoudsvermoë	

SMR-5

251

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussinginrigting

SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussinginrigting

Brake System - Remstelsel

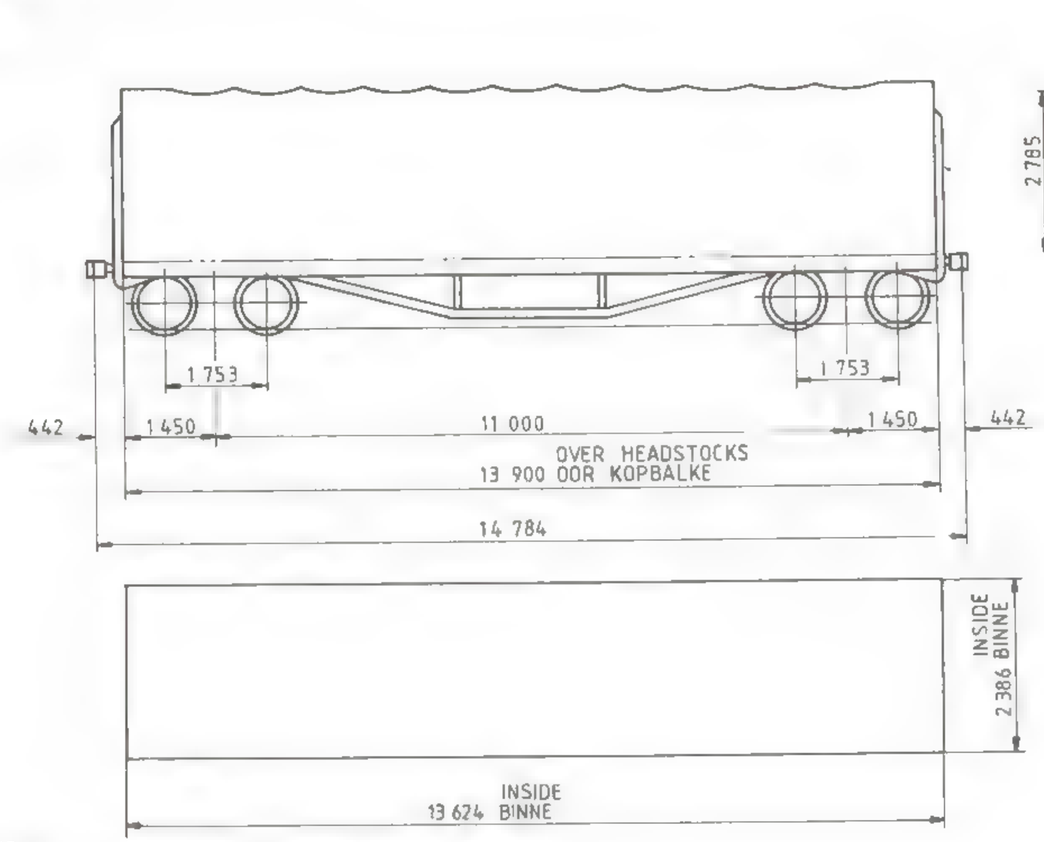
V Vacuum / Vakuum

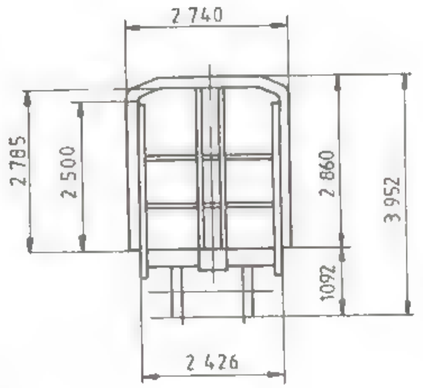
L Air / Lug

■ Dual Power - Manually operated / Tweekrag - Handbediening

A Dual Power - Automatic / Tweekrag - Outomaties

R Slack Adjuster / Remve steller





*1

Remarks
Opmerkings

*1 SPJ-1X CONVERTED FROM DJ-2
OMSKEP VAN

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
17-300 002	1977
17-300 010 / 17-301 807	1974 75

Converted from / Omskep van	Date / Datum
DJ-1	1988-

Drawing Number / Tekeningnommer	CME 131/12-A49	
Bogie Type / Draaisteltipe	SPOORBARBER	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10 •	
Brake System / Remstelsel	L/V/R	
Brake Cylinders / Remsilinders	(V) 2/18	(L) 1/10 × 12
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) 32
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 80,3/23,6	(L) 66,5/19,5
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS	

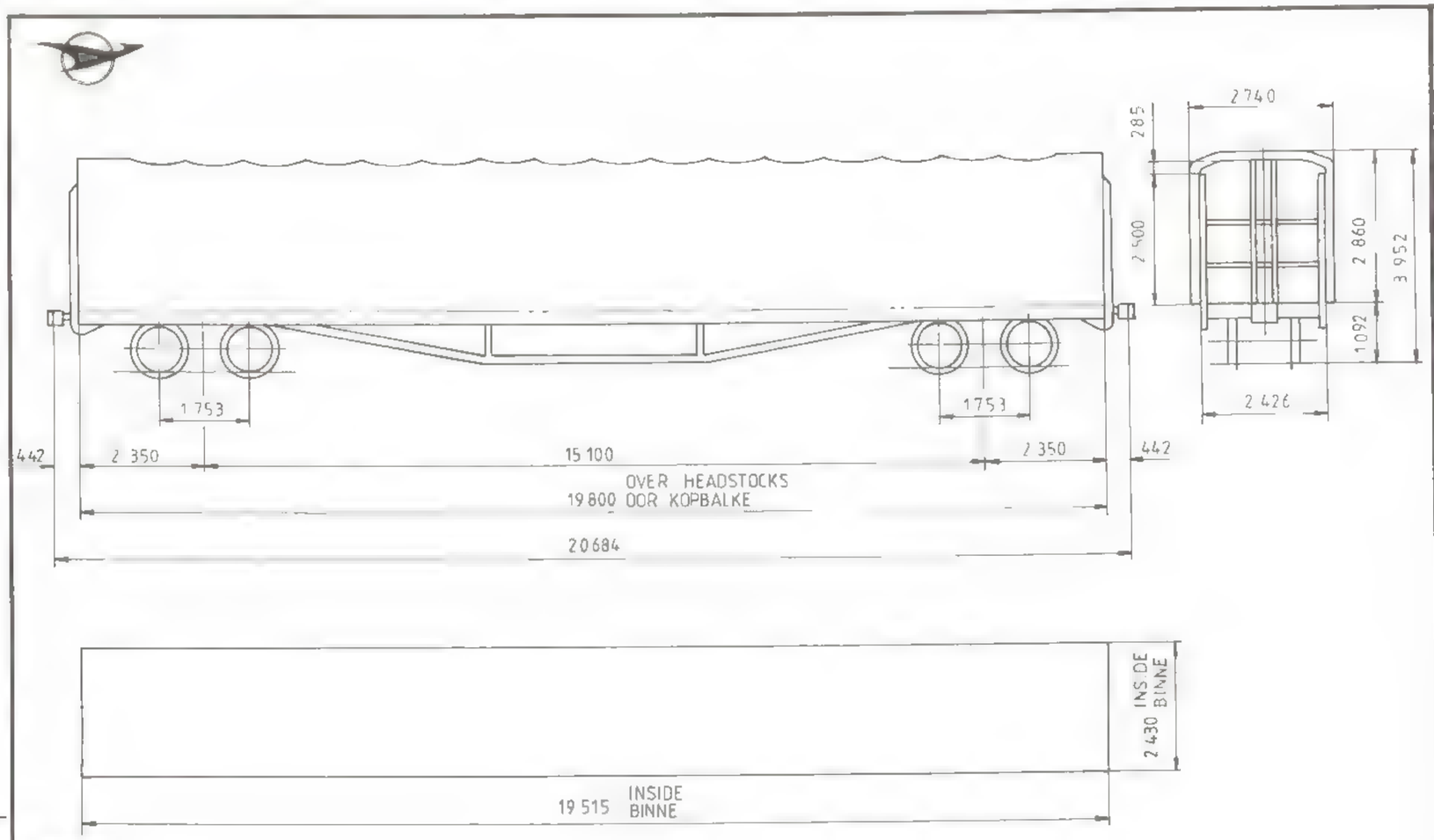
Centre of Gravity (Empty) / Swaartepunt (Leeg)	842
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE
Converted for / Omskep vir	PAPER ROLLS / PAPIERROLLE

Revision / Hersiening						
Date / Datum						

Tare (Average) kg / Tarra (Gemiddeld) kg	21 700
Load kg / Vrag kg	52 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	32,5
Capacity m^3 / Inhoudsvermoë m^3	96 9

SPLJ - 1

252



Drawgear Equipment - **Trekwerkuitrusting**

K K Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System - **Remstelsel**

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power-Automatic / Tweekrag-Outomaties
Slack Adjuster / Remversteller
R

Remarks
Opmerkings

Drawing Number / Tekeningnommer	w001/0099	
Bogie Type / Draaisteltipe	HS MK VII	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10	
Brake System / Remstelsel	V, L, R	
Brake Cylinders / Remsilinders	(V) 2/18	(L) 1/10 × 12
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) 32
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 76,3/24	(L) 70/22,01
Drawgear Equipment / Trekwerkuitrusting	RUBBER "NC 440"	
Coupler / Yoke / Koppelaar / Juk	E /	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	80 000
Originally designed for / Oorspronklik ontwerp vir	PAPER ROLLS / PAPIERROLLE
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
17-302 005/17-302 471	1991 -

Converted from / Omskep van	Date / Datum

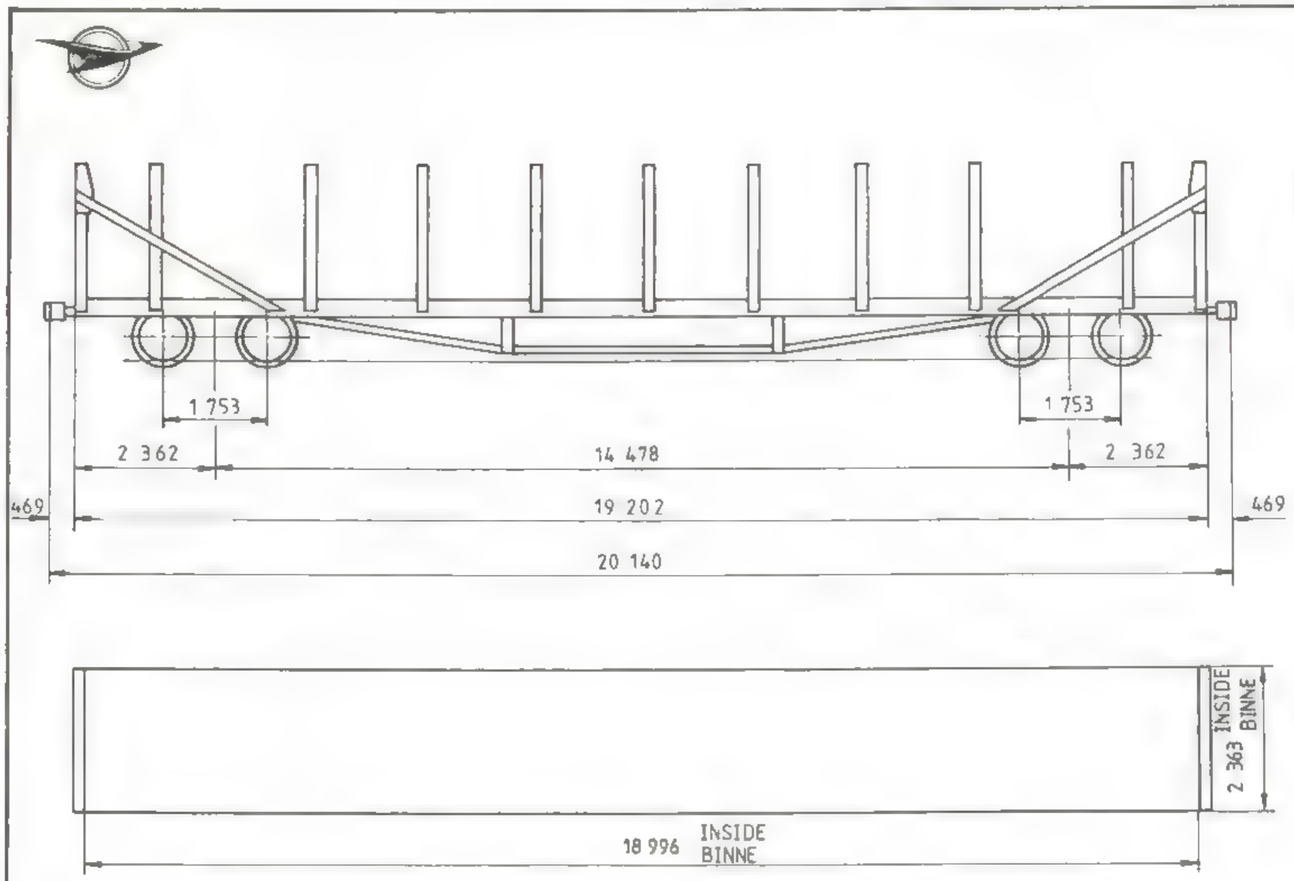
Tare (Average) kg / Tarra (Gemiddeld)	25 450
Load kg / Vrag	54 500
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	47,4
Capacity m^3 / Inhoudsvermoe	141,3

SPLJ-2

OZALID 85 2948

08-85

253



Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Remarks / Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
17 - 061 636 / 17 - 062 268	1977
17 - 062 276 / 17 - 062 489	1977

Converted from / Omskep van	Date / Datum
DAJ- 6, DAZ - 6	1983 - 1985

Drawing Number / Tekeningnommer	CME 187/12-A21	
Bogie Type / Draaisteltipe	SPOORBARBER	
Bearing Size / Laergrootte	■	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 8 •	
Brake System / Remstelsel	L/V/R	
Brake Cylinders / Remsilinders	(V) 2 / 18	(L) 1 / 10 × 12
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) 32
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 68,9 / 22,4	(L) 58,8 / 19,1
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP - M / SAR SAS	

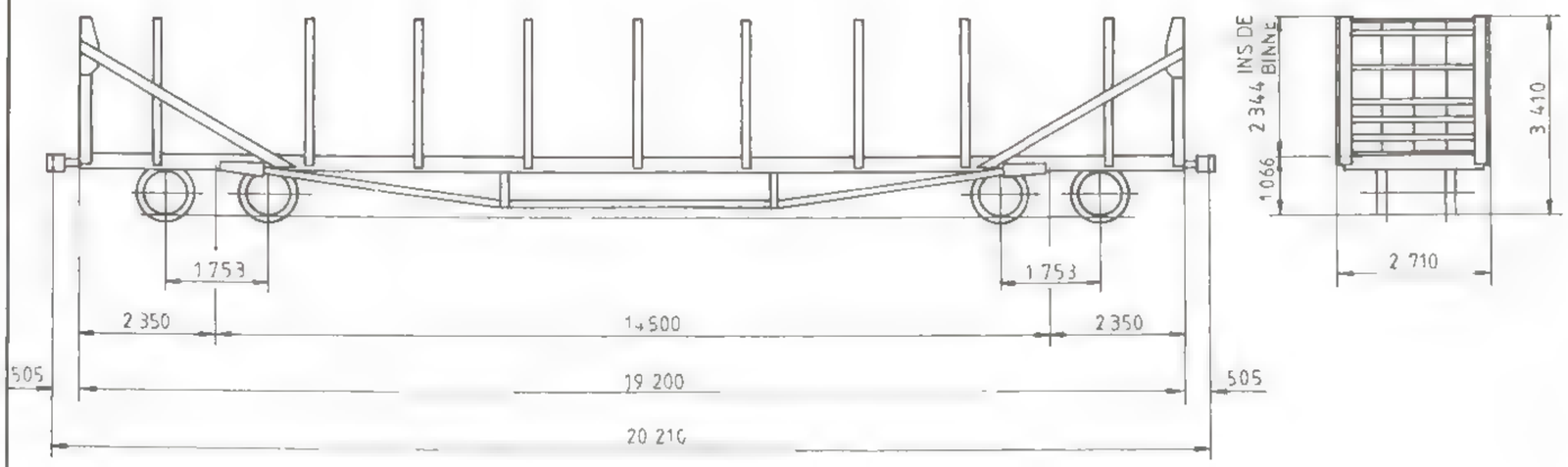
Centre of Gravity (Empty) / Swaartepunt (Leeg)	735
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	ABNORMAL LOADS / ABNORMALE VRAGTE
Converted for / Omskep vir	EXPORT STEEL / UITVOER STAAL

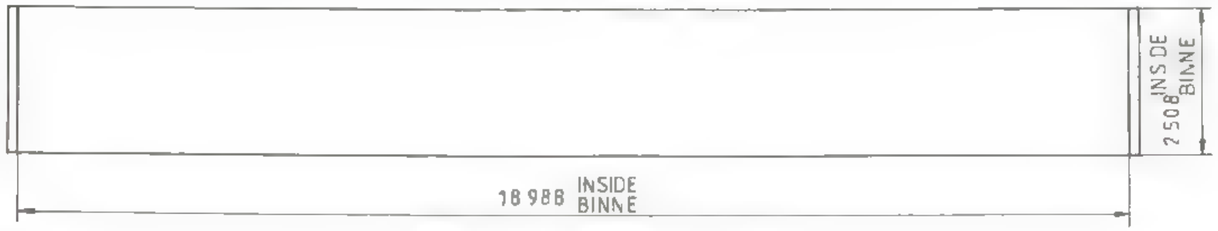
Revision / Hersiening						
Date / Datum						

Tare (Average) kg / Tarra (Gemiddeld) kg	23 130
Load kg / Vrag kg	48 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m² / Vloeroppervlakte m²	45
Capacity m³ / Inhoudsvermoë m³	105,6

SSLJ - 3

254





Remarks
Opmerkings :-

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
17-061 075 / 17-061 628	1984

Converted from Omskep van	Date Datum

Drawing Number Tekeningnommer	W001 / F039
Bogie Type Draaisteltipe	HS Mk VII
Bearing Size Laergrootte	D
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	10/10
Brake System Remstelsel	L/V/R
Brake Cylinders Remsilinders	(V) 2/18 . (L) 1/10×12
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (L) 32
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 75,7 / 24,8 (L) 64,9 / 21,29
Drawgear Equipment Trekwerkuitrusting	AAR M901E
Coupler / Yoke Koppelaar / Juk	E 68/E

Centre of Gravity (Empty) Swaartepunt (Leeg)	735
Design Limit – Mass on Rail kg Ontwerplimiet – Massa op Spoor	80 000
Originally designed for Oorspronklik ontwerp vir	EXPORT STEEL UITVOER STAAL
Converted for Omskep vir	

Revision Hersiening						
Date Datum						

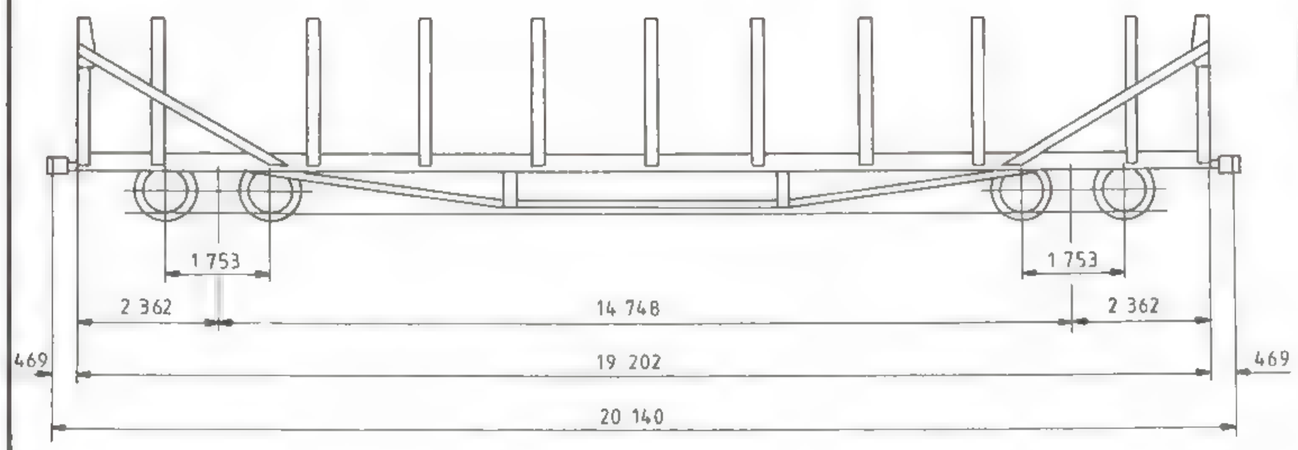
Tare (Average) kg Tarra (Gemiddeld) kg	24 400
Load kg Vrag kg	50 000
Load (Coal) kg Vrag (Steenkool) kg	
Floor Area m^2 Vloeroppervlakte m^2	46,1
Capacity m^3 Inhoudsvermoë m^3	111 6

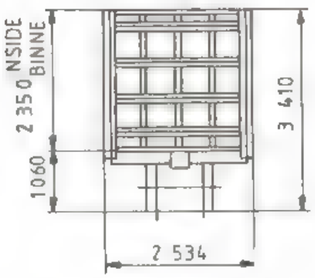
SSLJ-4

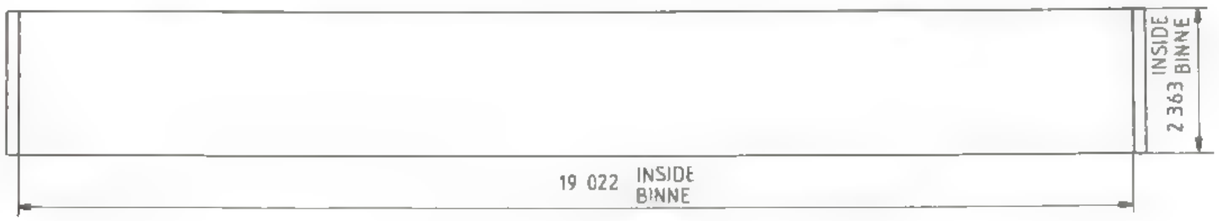
Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power – Manually operated / Tweekrag – Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remverstelier

255







Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel

Dual Power-Automatic
Tweekrag-Outomaties
Slack Adjuster
Remversteller

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

Remarks
Opmerkings

Vehicle Numbers / Voertuignommers	Placed In Service / In Gebruik Geneem
17-063 000 / 17-063 396	1972

Converted from / Omskep van	Date / Datum
DAJ/Z-4	1989

Drawing Number / Tekeningnommer		CME 187/12-A21	
Bogie Type / Draaisteltipe		SPOORBARBER	
Bearing Size / Laergrootte		D	
Springs per Bogie / Vere per Draaistel	Outer / Inner / Buite / Binne	10 / 8	
Brake System / Remstelsel		L/V/R	
Brake Cylinders / Remsilinders		(V) 2 / 18	(L) 1 / 10 x 12
Train Pipe / Treinpyp / Brake Pipe / Rempyp		(V) 65	(L) 32
Brake Percentage / Rempersentasie	Empty / Loaded / Leeg / Met Vrag	(V) 70,87/23	(L) 58,8/19,13
Drawgear Equipment / Trekwerkuitrusting		AAR M 901 E	
Coupler / Yoke / Koppelaar / Juk		SASKOP -M/	SAR / SAS

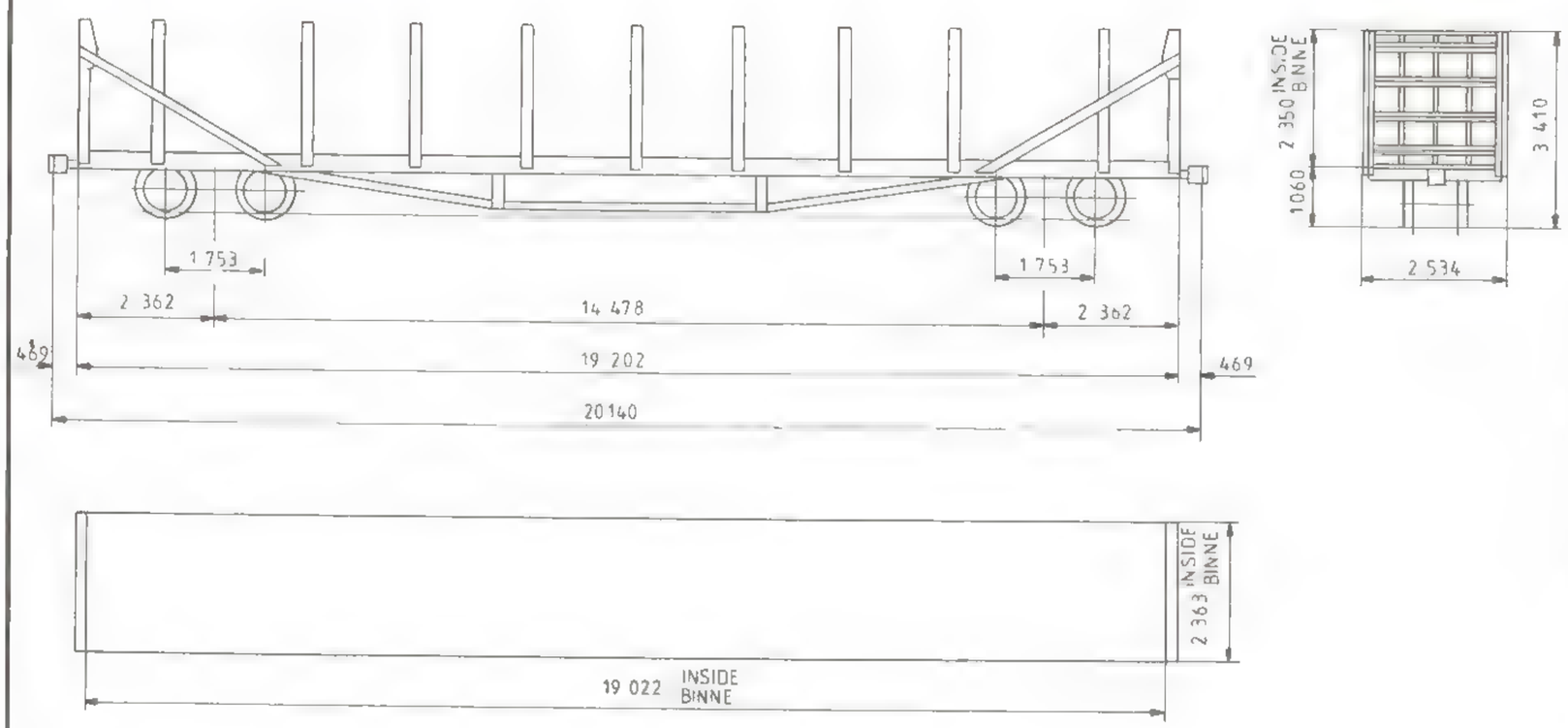
Centre of Gravity (Empty) / Swaartepunt (Leeg)	
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	ABNORMAL LOADS / ABNORMALE VRAGTE
Converted for / Omskep vir	EXPORT STEEL / UITVOER STAAL

Revision / Hersiening						
Date / Datum						

Tare (Average) kg / Tarra (Gemiddeld) kg	23 130
Load kg / Vrag kg	48 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	45
Capacity m^3 / Inhoudsvermoë m^3	105,5

SSLJ-5

256



Remarks
Opmerkings

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
17-064 007 / 17-064 694	1974

Converted from / Omskep van	Date / Datum
DAJ-5,7 DAZ-5,7	1990

Tare (Average) kg / Tarra (Gemiddeld) kg	23 130
Load kg / Vrag kg	48 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	45
Capacity m^3 / Inhoudsvermoe m^3	105,5

Drawing Number / Tekeningnommer	CME 187/12-A21
Bogie Type / Draaisteltipe	SPOORBARBER
Bearing Size / Laergrootte	D
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 8
Brake System / Remstelsel	L / V / R
Brake Cylinders / Remsilinders	(V) 2 / 18 (L) 1 / 10 × 12
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (L) 32
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 70,87/23 (L) 58,8 / 19,13
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E
Coupler / Yoke / Koppelaar / Juk	SASKOP - M / SAR SAS

Centre of Gravity (Empty) / Swaartepunt (Leeg)	
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	ABNORMAL LOADS / ABNORMALE VRAGTE
Converted for / Omskep vir	EXPORT STEEL / UITVOER STAAL

Revision / Hersiening						
Date / Datum						

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

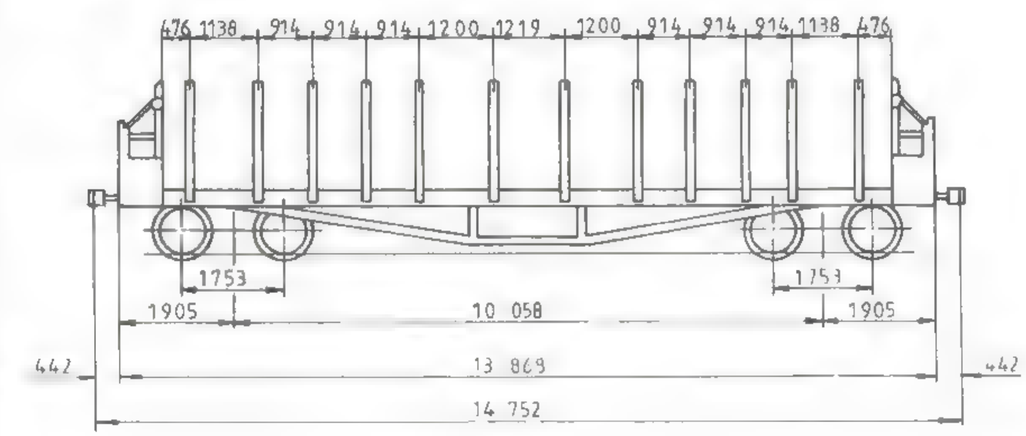
Brake System - Remstelsel
A Dual Power-Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

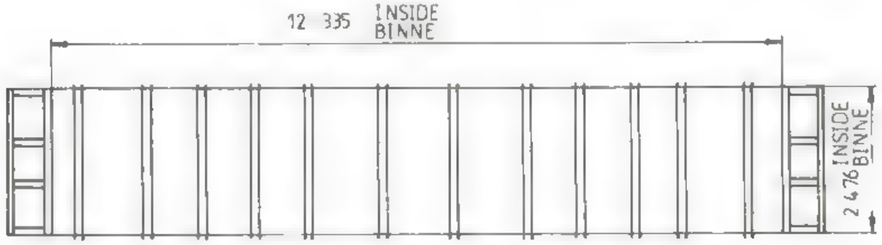
SSLJ - 6

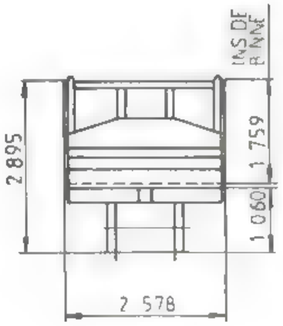
OZALID 85 2948

08-85

257







Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussinginrigting

SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussinginrigting

Brake System - Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Remarks / Opmerkings :- REMOVABLE STANCHIONS / VERWYDERBARE STANDERS

Drawing Number / Tekeningnommer	CME 2769 / 12 – 000		
Bogie Type / Draaisteltipe	SARCAST		
Bearing Size / Laergrootte	10 × 5		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6 / 0		
Brake System / Remstelsel	V		
Brake Cylinders / Remsilinders	(V) 2 / 21	(L) –	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65 / 50	(L) –	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 8 / 35	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP – S	/ SAR SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	884
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	60 000
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE
Converted for / Omskep vir	TIMBER / HOUT

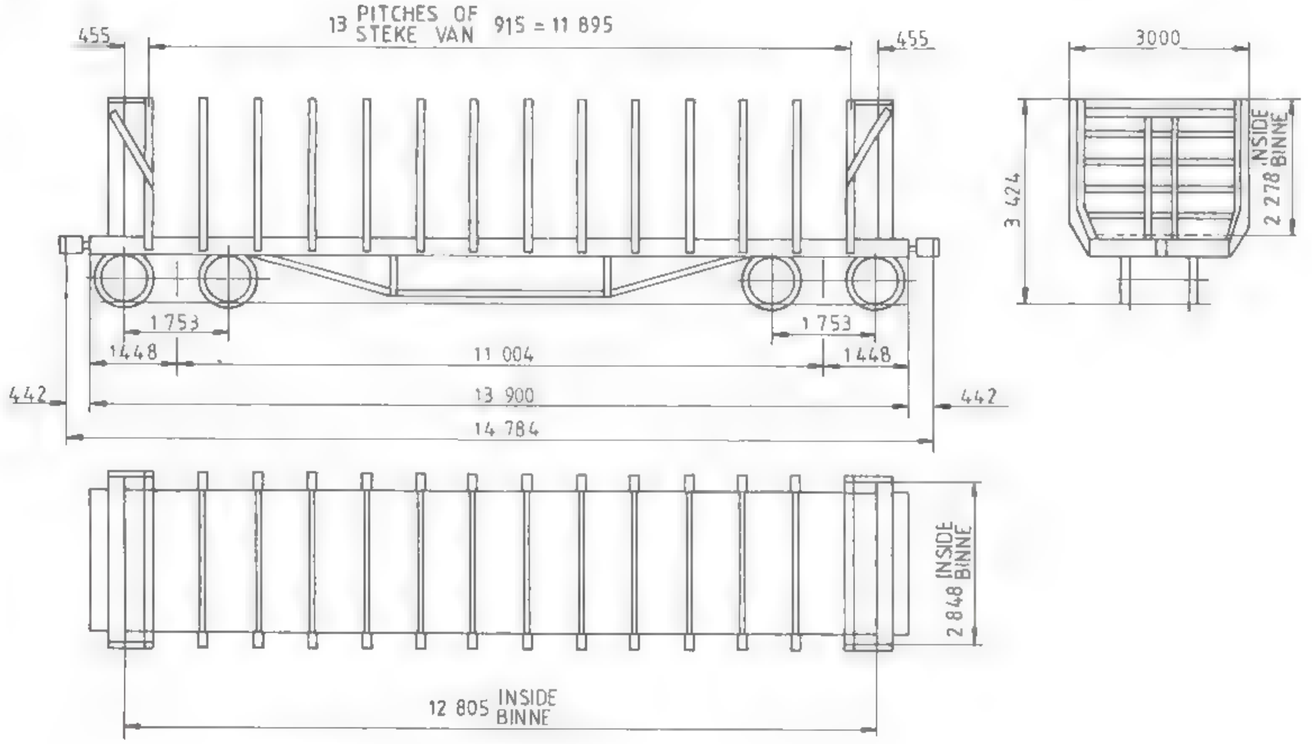
Revision / Hersiening						
Date / Datum						

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
17-100 003 / 17-101 093	1968

Converted from / Omskep van	Date / Datum
DZ-7	1968

Tare (Average) kg / Tarra (Gemiddeld) kg	19 350
Load kg / Vrag kg	38 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	30,5
Capacity m^3 / Inhoudsvermoë m^3	54,5

ST-1



Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
D Dual Power - Manually operated / Tweekrag - Handbediening
L Air / Lug
V Vacuum / Vakuum

Remarks / Opmerkings: REMOVABLE STANCHIONS / VERWYDERBARE STANDERS

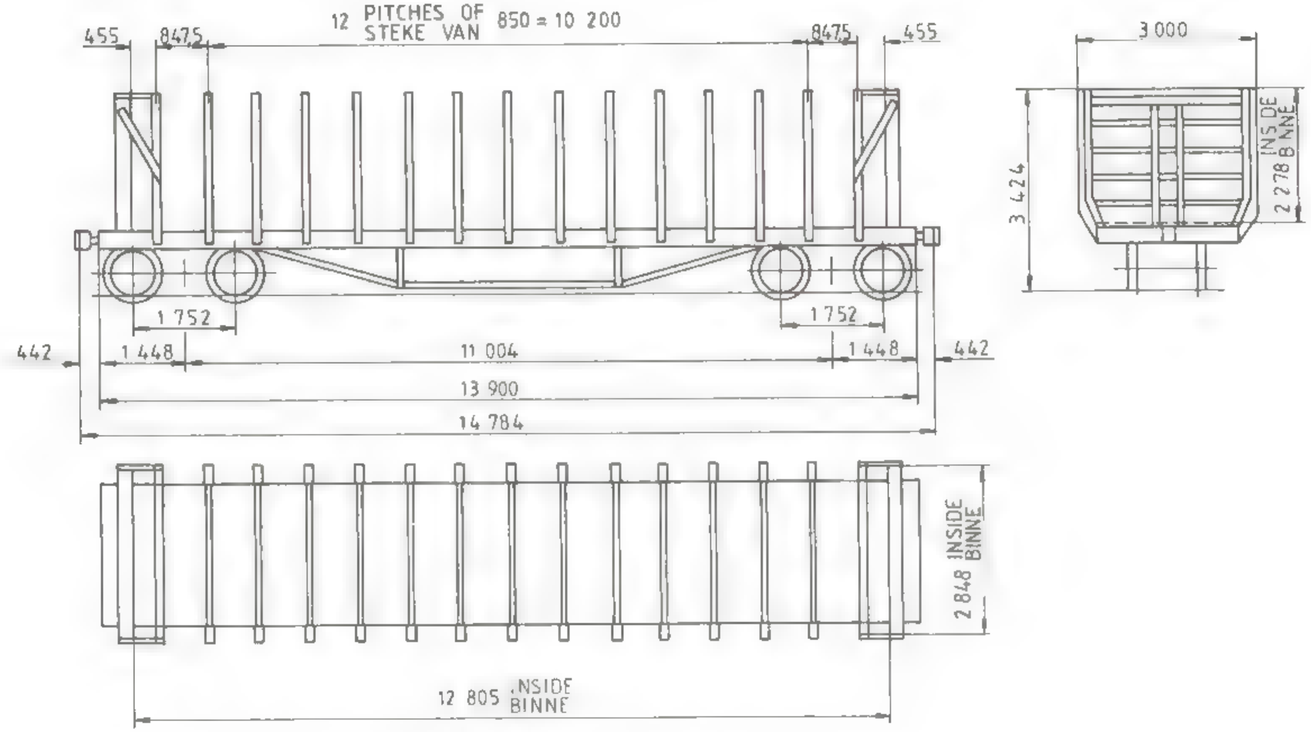
Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
17-103 304 / 17-105 757	1978

Converted from / Omskep van	Date / Datum

Drawing Number / Tekeningnommer	CME 4654 / 12-000		Centre of Gravity (Empty) / Swaartepunt (Leeg)	990	Tare (Average) kg / Tarra (Gemiddeld) kg	23 450
Bogie Type / Draaisteltipe	SPOORBARBER "HYBIRD"				Load kg / Vrag kg	50 000
Bearing Size / Laergrootte	D				Load (Coal) kg / Vrag (Steenkool)	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10				Floor Area m^2 / Vloeroppervlakte m^2	31,8
Brake System / Remstelsel	V/R				Capacity m^3 / Inhoudsvermoë m^3	81,4
Brake Cylinders / Remsilinders	(V) 2/18	(L) –	Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	74 000		
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	ROUGH TIMBER / RU-HOUT		
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 84,8/27,1	(L) –	Converted for / Omskep vir			
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Hersiening			
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS		Date / Datum			

ST-4

259



Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting

SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel

V Vacuum / Vakuum

L Air / Lug

■ Dual Power - Manually operated / Tweekrag - Handbediening

A Dual Power - Automatic / Tweekrag - Outomaties

■ Slack Adjuster / Remversteller

Remarks / Opmerkings : - REMOVABLE STANCHIONS / VERWYDERBARE STANDERS

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
17-105 870 / 17-111 293 17-111 307 / 17-120 780 17-120 799 / 17-120 896 17-120 918 / 17-121 558	1978 - 1979

Converted from / Omskep van	Date / Datum

Drawing Number / Tekeningnommer	CME 4446/12-000		
Bogie Type / Draaisteltipe	SPOORBARBER "HYBIRD"		
Bearing Size / Laergrootte	D		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10		
Brake System / Remstelsel	V R		
Brake Cylinders / Remsilinders	(V) 2/18	(L)	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 86,4/27,2	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS		

Centre of Gravity (Empty) / Swaartepunt (Leeg)	995
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	ROUGH TMBER RL HOUT
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

Tare (Average) kg / Tarra (Gemiddeld)	23 000
Load kg / Vrag	50 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	31,8
Capacity m^3 / Inhoudsvermoe	81,4

ST-5

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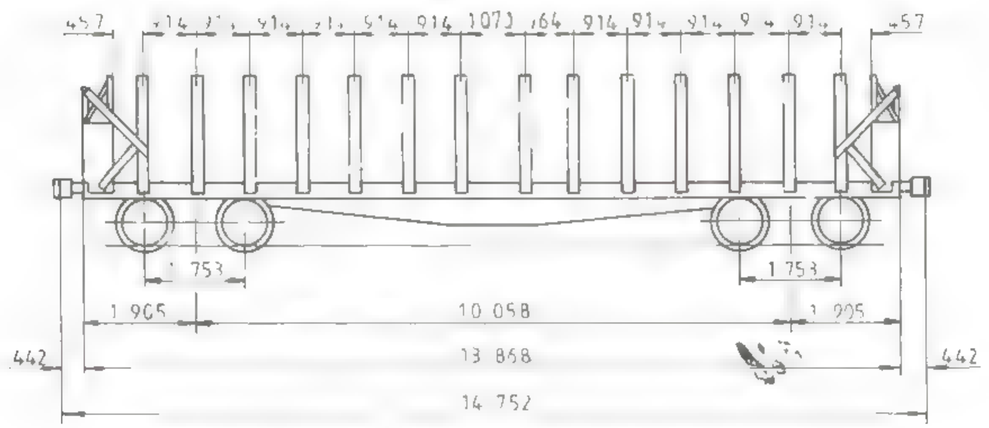
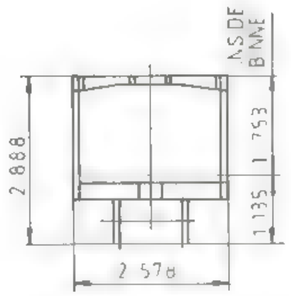
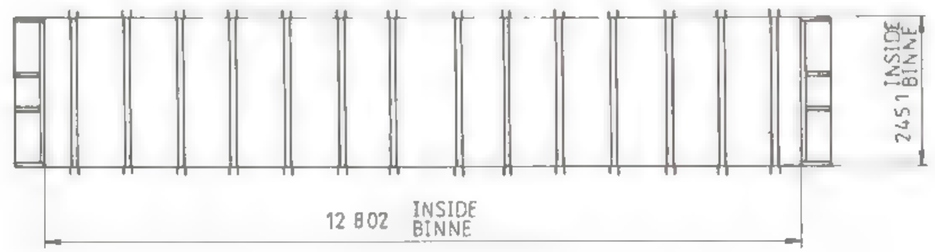
Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening







Remarks / Opmerkings :- REMOVABLE STANCHIONS / VERWYDERBARE STANDERS

Drawing Number / Tekeningnommer	CME 2903 / 12 000
Bogie Type / Draaisteltipe	SPOORBARBER
Bearing Size / Laergrootte	D
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 10
Brake System / Remstelsel	V/D/R
Brake Cylinders / Remsilinders	(V) 4 / 15 (L) —
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (L) —
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 58,2 / 38,3 (L) —
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS

Centre of Gravity (Empty) / Swaartepunt (Leeg)	902
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE
Converted for / Omskep vir	TIMBER / HOUT

Revision / Hersiening							
Date / Datum							

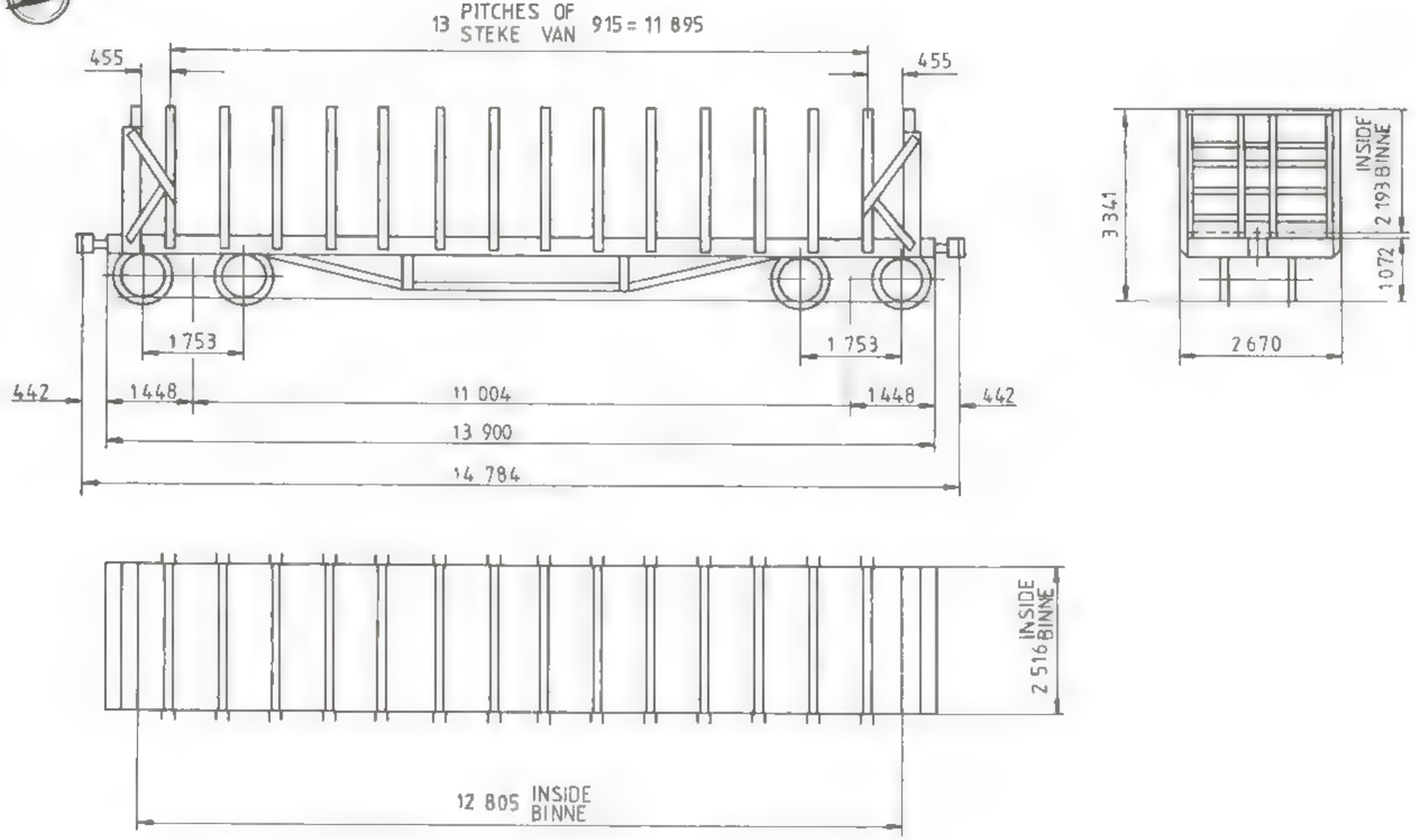
Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
17-200 008 / 17-203 295	1969 - 1970

Converted from / Omskep van	Date / Datum
BAD	1969 - 1970

Tare (Average) kg / Tarra (Gemiddeld)	21 000
Load kg / Vrag	48 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	31,4
Capacity m^3 / Inhoudsvermoe	55

STD-2

261



Remarks / Opmerkings: REMOVABLE STANCHIONS / VERWYDERBARE STANDERS

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
17 - 203 309 / 17 - 214 297	1975 - 1976

Converted from / Omskep van	Date / Datum

Drawing Number / Tekeningnommer	W 001 / D029		
Bogie Type / Draaisteltipe	SPOORBARBER		
Bearing Size / Laergrootte	D		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10		
Brake System / Remstelsel	V/D/R		
Brake Cylinders / Remsilinders	(V) 2/18	(L) –	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 46,8/30	(L) –	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP-S	SAR / SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	868
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	TIMBER / HOUT
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

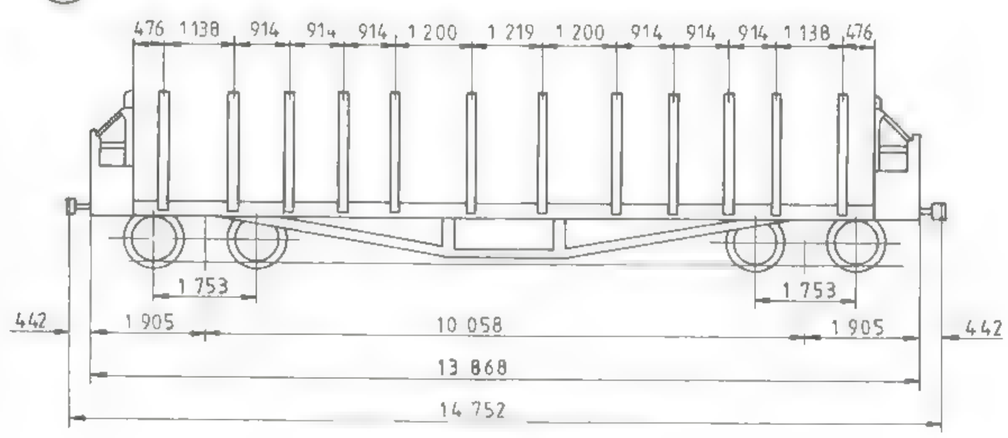
Tare (Average) kg / Tarra (Gemiddeld) kg	21 370
Load kg / Vrag kg	48 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	31
Capacity m^3 / Inhoudsvermoë m^3	70,6

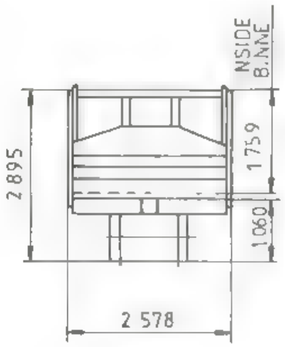
STD - 3

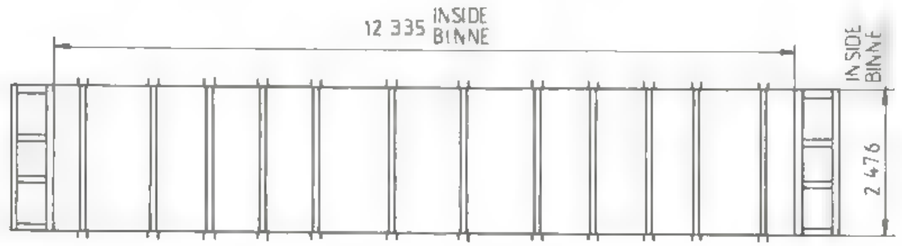
Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
■ Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

262







Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
Dual Power – Manually operated / Tweekrag – Handbediening
A Dual Power-Automatic / Tweekrag-Outomaties
S Slack Adjuster / Remversteller

Remarks / Opmerkings :- RECODED FROM / HERKODEER VAN ST-1
REMOVABLE STANCHIONS
VERWYDERBARE STANDERS

Drawing Number / Tekeningnommer	CME 2639 / 12 - 000 CME 2769 / 12 - 000		
Bogie Type / Draaisteltipe	SARCAST		
Bearing Size / Laergrootte	10 x 5		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6 / 0		
Brake System / Remstelsel	V		
Brake Cylinders / Remsilinders	(V) 2 / 21	(L) –	
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50)	(L)	
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 89,5 / 30,2	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP - S	/ SAR SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	884
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	60 000
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS ALGEMENE GOEDERE
Converted for / Omskep vir	TIMBER HOUT

Revision / Hersiening						
Date / Datum						

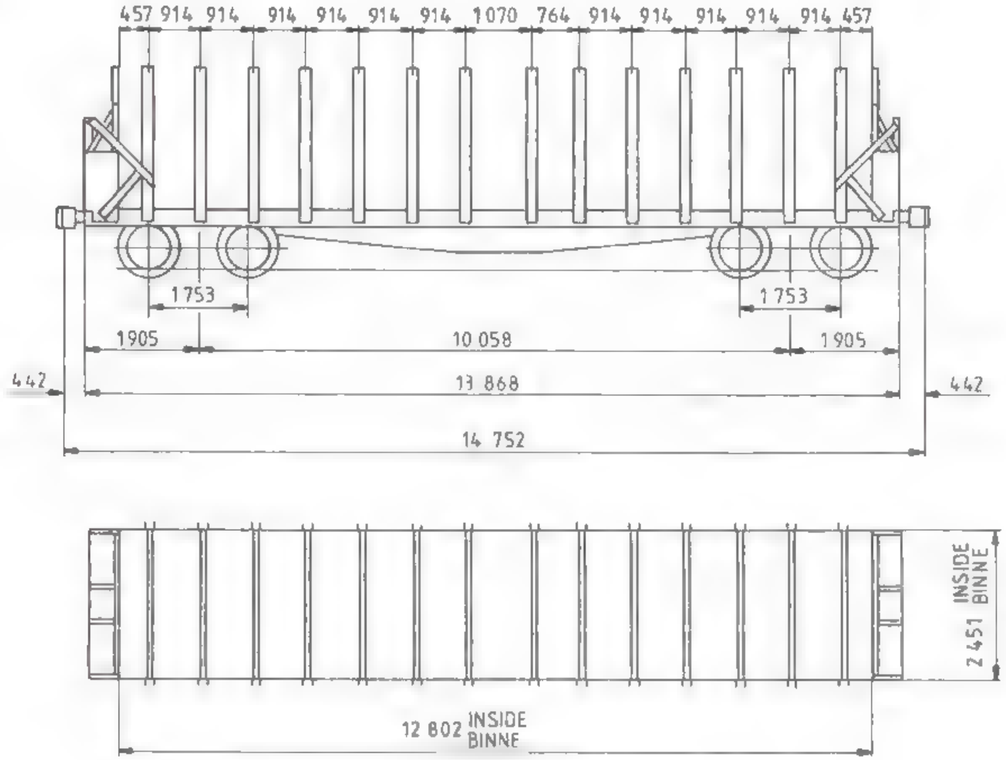
Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
17 - 100 003 / 17 - 101 093	1968

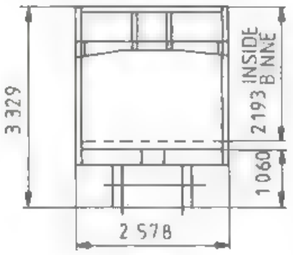
Converted from / Omskep van	Date / Datum
DZ - 7	1968

Tare (Average) kg / Tarra (Gemiddeld)	19 350
Load kg / Vrag	38 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	30,5
Capacity m^3 / Inhoudsvermoë	54,5

STJ - 1

263





Drawgear Equipment - Trekwerkuitrusting

K Coupler hydraulic cushioning device / Koppelaar hidroulliese kussinginrigting

SSC Centre sill hydraulic cushioning device / Middelbalk hidroulliese kussinginrigting

Brake System - Remstelsel

V Vacuum / Vakuum

L Air / Lug

D Dual Power - Manually operated / Tweekrag - Handbediening

A Dual Power-Automatic / Tweekrag-Outomaties

R Slack Adjuster / Remversteller

Remarks / Opmerkings: REMOVABLE STANCHIONS / VERWYDERBARE STANDERS

Drawing Number / Tekeningnommer	CME 2903/12-000	
Bogie Type / Draaisteltipe	SPOORBARBER	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 10	
Brake System / Remstelsel	V / R	
Brake Cylinders / Remsilinders	(V) 2 / 15	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 74 5/22,1	(L) –
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	902	
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	74 000	
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE	
Converted for / Omskep vir	TIMBER / HOUT	
Revision / Hersiening		
Date / Datum		

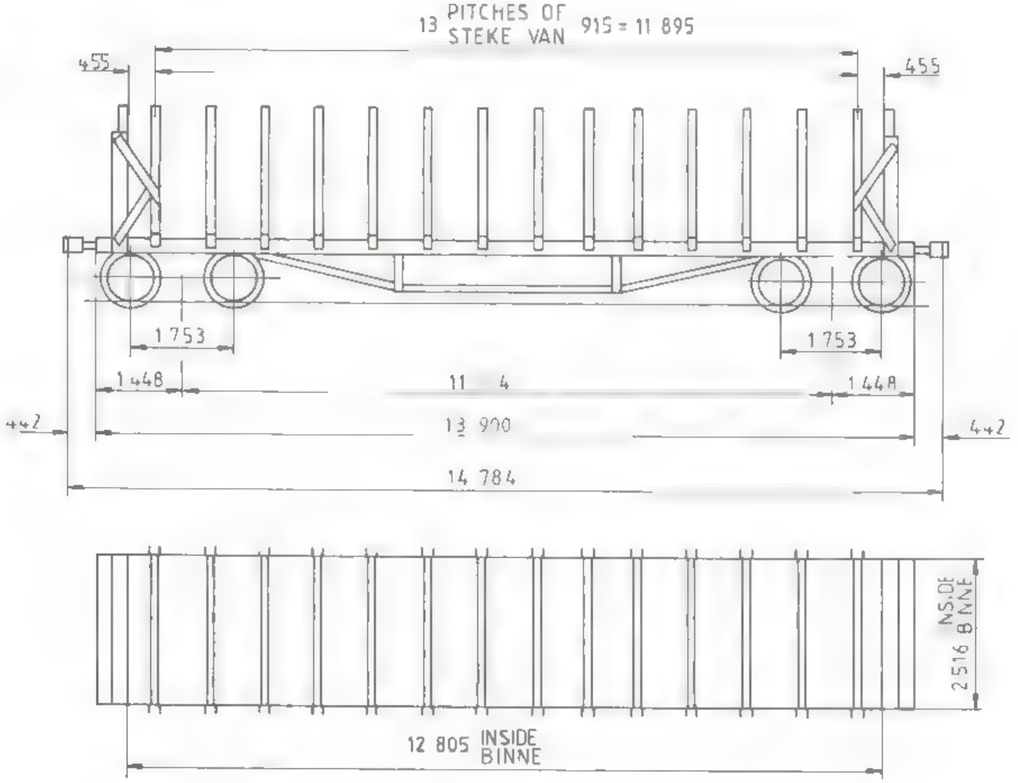
Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
17-125 936 / 17-129 214	1969 - 1970

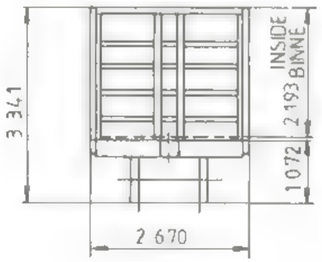
Converted from / Omskep van	Date / Datum
STD-2	1980 - 1981

Tare (Average) kg / Tarra (Gemiddeld) kg	23 100
Load kg / Vrag kg	48 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	31,4
Capacity m^3 / Inhoudsvermoe m^3	68,8

STJ - 2

264





Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulliese kussingrigting

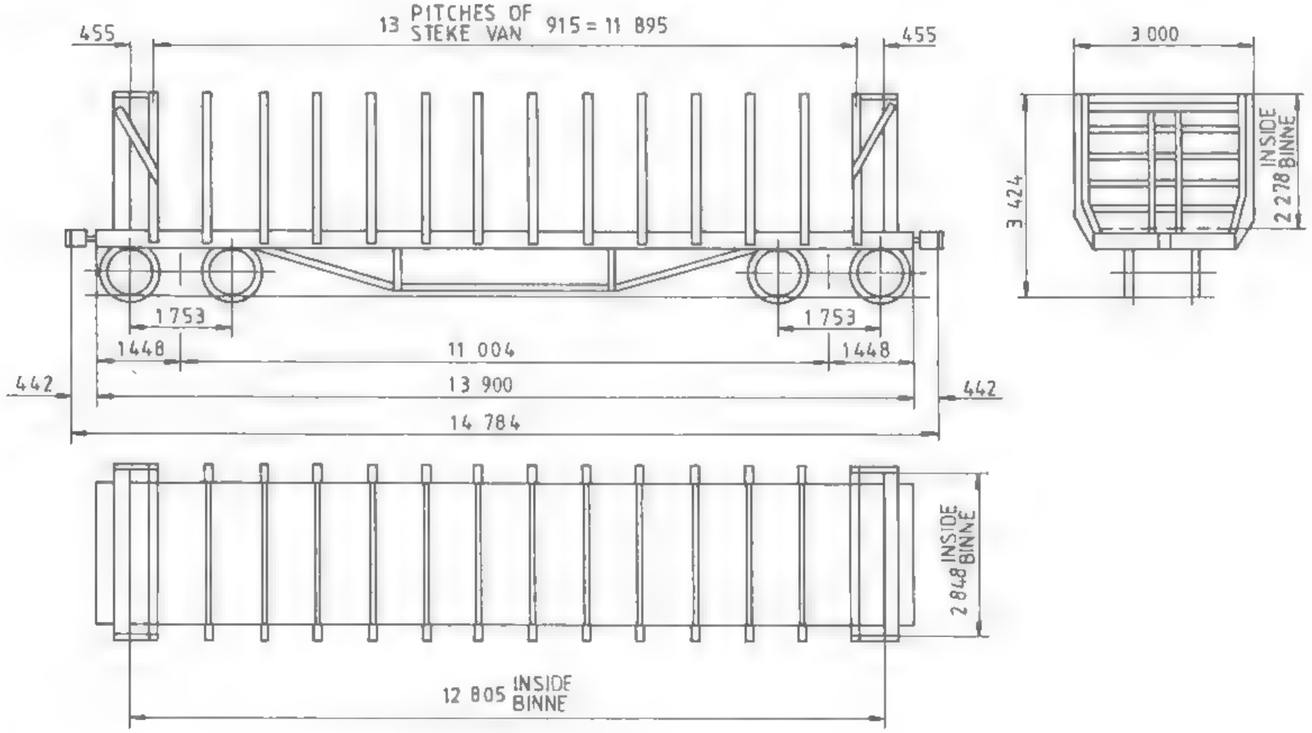
Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R. Slack Adjuster / Remversteller

Remarks / Opmerkings : REMOVABLE STANCHIONS / VERWYDERBARE STANDERS

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
17-124 018 / 17-125 928 17-129 222 / 17-138 272	1975 - 1976
Converted from / Omskep van	Date / Datum
STD - 3	1979 - 1981

Drawing Number / Tekeningnommer	W 001/ D029		Centre of Gravity (Empty) / Swaartepunt (Leeg)	929	Tare (Average) kg / Tarra (Gemiddeld) kg	22 150
Bogie Type / Draaisteltipe	SPOORBARBER				Load kg / Vrag kg	51 000
Bearing Size / Laergrootte	D				Load (Coal) kg / Vrag (Steenkool) kg	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 10				Floor Area m^2 / Vloeroppervlakte m^2	31
Brake System / Remstelsel	V/R				Capacity m^3 / Inhoudsvermoë m^3	70,6
Brake Cylinders / Remsilinders	(V) 2/18	(L) –	Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	74 000		
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	TIMBER HOUT		
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 75 / 22,7	(L)	Converted for / Omskep vir			
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Hersiening			
Coupler / Yoke / Koppelaar / Juk	SASKOP - S	/ SAR SAS	Date / Datum			

STJ - 3



Remarks :- RECODED FROM ST-4
Opmerkings HERKODEER VAN

REMOVABLE STANCHIONS
VERWYDERBARE STANDERS

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
17-101 107 / 17-103 290 17-103 304 / 17-105 757	1978 1978

Converted from Omskep van	Date Datum

Drawing Number Tekeningnommer	CME 4654 / 12-000		Centre of Gravity (Empty) Swaartepunt (Leeg)	990
Bogie Type Draaisteltipe	SPOORBARBER "HYBIRD"			
Bearing Size Laergrootte	D			
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	10 / 10			
Brake System Remstelsel	V / R			
Brake Cylinders Remsilinders	(V) 2 / 18	(L) —	Design Limit-Mass on Rail kg Ontwerplimiet-Massa op Spoor	74 000
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L) —	Originally designed for Oorspronklik ontwerp vir	ROUGH TIMBER RU - HOUT
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 84,8 / 27,1	(L) —	Converted for Omskep vir	
Drawgear Equipment Trekwerkuitrusting	AAR M901 E		Revision Hersiening	
Coupler / Yoke Koppelaar / Juk	SASKOP-S / SAR SAS		Date Datum	

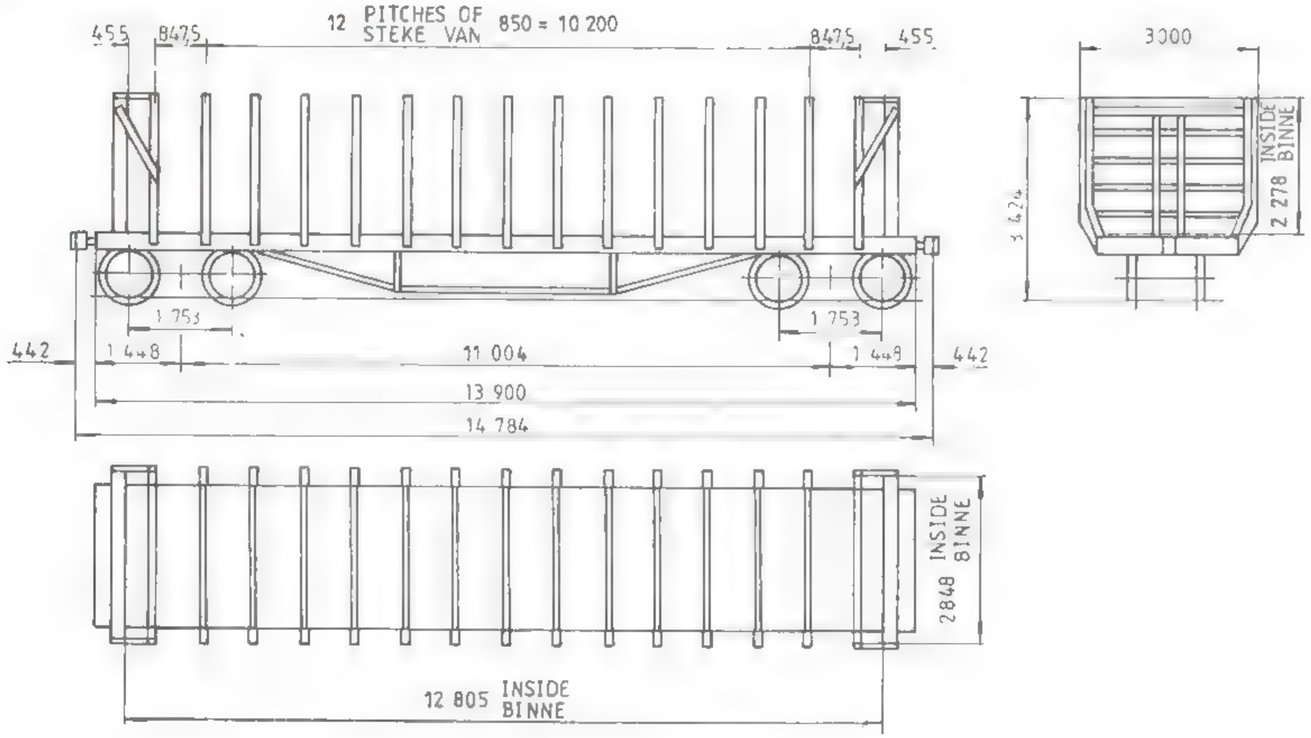
Tare (Average) kg Tarra (Gemiddeld)	23 450
Load kg Vrag	50 000
Load (Coal) kg Vrag (Steenkool)	
Floor Area m^2 Vloeroppervlakte	31,8
Capacity m^3 Inhoudsvermoë	81,4

STJ-4

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
A Dual Power - Automatic
Tweekrag - Outomaties
R Slack Adjuster
Remversteller
V Vacuum
Vakuum
L Air
Lug
D Dual Power - Manually operated
Tweekrag - Handbediening

266



Remarks / Opmerkings: REMOVABLE STANCHIONS / VERWYDERBARE STANDERS

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
17-105 870 / 17-111 293 17-111 307 / 17-120 780 17-120 799 / 17-120 896 17-120 919 / 17-121 558	1978 - 1979

Converted from / Omskep van	Date / Datum

Drawing Number / Tekeningnommer	CME 4446/12-000		
Bogie Type / Draaisteltipe	SPOORBARBER "HYBRID"		
Bearing Size / Laergrootte	D		
Springs per Bogie (Outer / Inner) / Vere per Draaistel (Buite / Binne)	10/10		
Brake System / Remstelsel	V/R		
Brake Cylinders / Remsilinders	(V) 2/18	(L)	
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)	
Brake Percentage (Empty / Loaded) / Rempersentasie (Leeg / Met Vrag)	(V) 86,4/27,2	(L)	–
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP-S	/ SAR SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	995						
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	74 000						
Originally designed for / Oorspronklik ontwerp vir	ROUGH TIMBER / RU-HOUT						
Converted for / Omskep vir							
Revision / Hersiening							
Date / Datum							

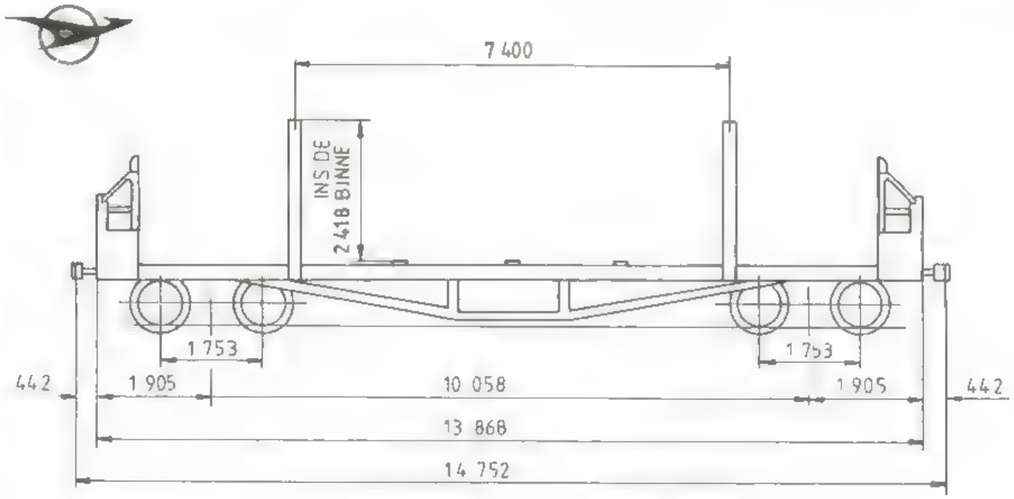
Tare (Average) kg / Tarra (Gemiddeld) kg	23 000
Load kg / Vrag kg	50 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	31,8
Capacity m^3 / Inhoudsvermoë m^3	81,4

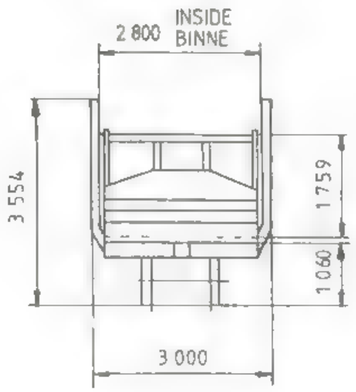
STJ-5

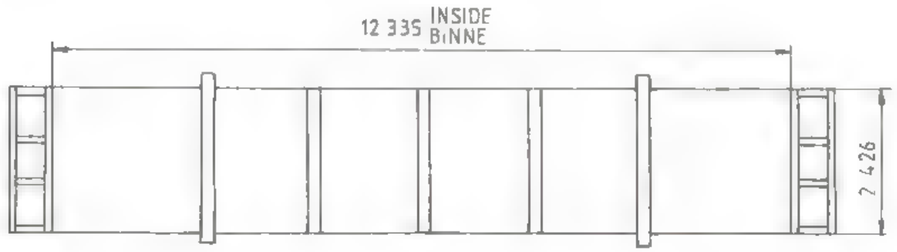
Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

267







Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System - Remsteisel

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power-Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remversteller

Remarks
Opmerkings

Drawing Number / Tekeningnommer	RS A059 001.C99		
Bogie Type / Draaisteltipe	SARCAST		
Bearing Size / Laergrootte	10 × 5		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6 / 0		
Brake System / Remsteisel	V		
Brake Cylinders / Remsilinders	(V) 2 / 21	(L) —	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65 (50)	(L) —	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 89 5/302	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M901E		
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS		

Centre of Gravity (Empty) / Swaartepunt (Leeg)	
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	60 000
Originally designed for / Oorspronklik ontwerp vir	TIMBER / HOUT
Converted for / Omskep vir	TIMBER POLES / HOUTPALE

Revision / Hersiening						
Date / Datum						

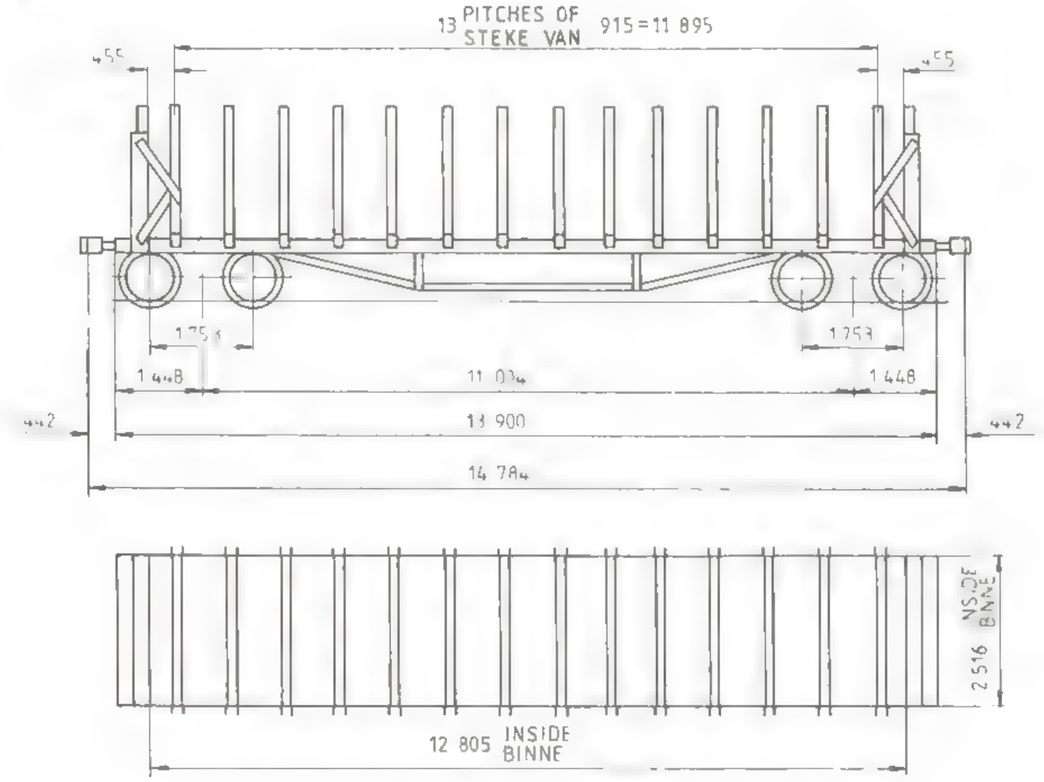
Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
17-172 586 / 17-172 896	1936 · 68

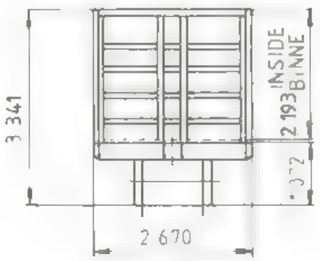
Converted from / Omskep van	Date / Datum
ST - 1	1990-
Tare (Average) kg / Tarra (Gemiddeld) kg	18 650
Load kg / Vrag kg	44 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte m^2	30 5
Capacity m^3 / Inhoudsvermoe m^3	76,7

STJ - 9

OZALID 85 2948

08-85





Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussinginrigting

SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussinginrigting

Brake System - Remstelsel

A Dual Power Automatic / Tweekrag-Outomaties

R Slack Adjuster / Remversteller

V Vacuum / Vakuum

L Air / Lug

D Dual Power - Manually operated / Tweekrag - Handbediening

Remarks / Opmerkings :- REMOVABLE STANCHIONS / VERWYDERBARE STANDERS

Drawing Number / Tekeningnommer	W 001/DO 29
Bogie Type / Draaisteltipe	SPOORBARBER
Bearing Size / Laergrootte	D
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10
Brake System / Remstelsel	L/V/R
Brake Cylinders / Remsilinders	(V) 2/18 (L) 1/10×12
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (L) 32
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 79,7/24,1 (L) 72,4/21,9
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR SAS

Centre of Gravity (Empty) / Swaartepunt (Leeg)	929
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	TIMBER HOUT
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

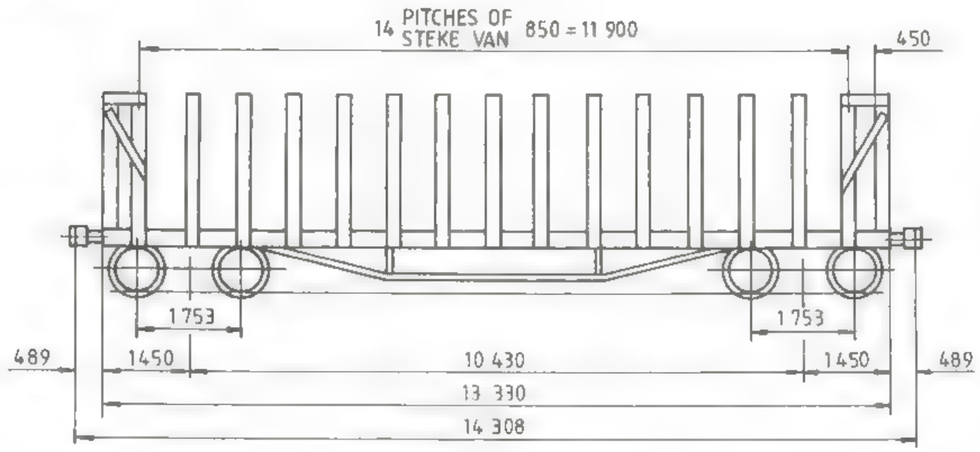
Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
17- 124 018 / 17- 125 928 17- 129 222 / 17- 138 272	1975- 1976

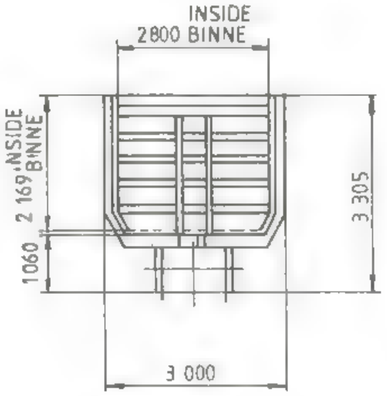
Converted from / Omskep van	Date / Datum
STJ - 3	1985 -

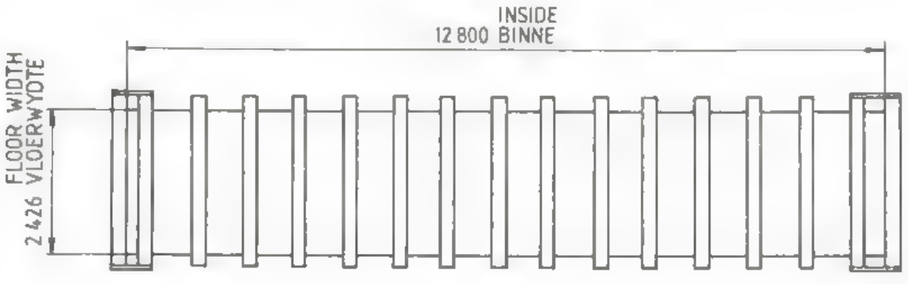
Tare (Average) kg / Tarra (Gemiddeld) kg	22 150
Load kg / Vrag kg	51 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	51
Capacity m^3 / Inhoudsvermoe m^3	70,6

STLJ - 3

269







Remarks .. FIXED STANCHIONS
Opmerkings .. VASTE STANDERS

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
17-138 280 / 17-151 473	1981-82
17-151 481 / 17-156 963	1982-83

Drawing Number / Tekeningnommer	W001/F033	
Bogie Type / Draaisteltipe	HS MK VII	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10	
Brake System / Remstelsel	L/V/R	
Brake Cylinders / Remsilinders	(V) 2/18	(L) 1/10 × 12
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) 32
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 74,5 / 23,1	(L) 64,2 / 19,9
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	E/E	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	985
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	TIMBER / HOUT
Converted for / Omskep vir	

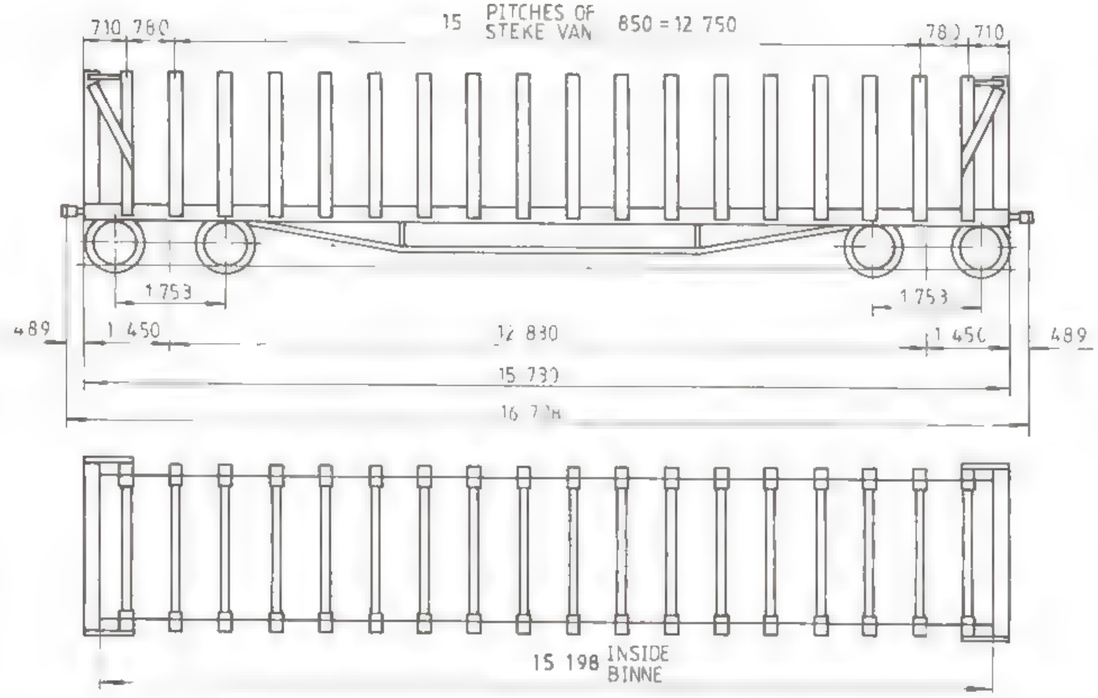
Revision / Hersiening						
Date / Datum						

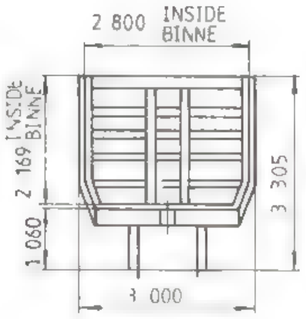
Converted from / Omskep van	Date / Datum

Tare (Average) kg / Tarra (Gemiddeld) kg	22 460
Load kg / Vrag kg	50 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	31
Capacity m^3 / Inhoudsvermoë m^3	76,7

STLJ-6

270





Remarks :- FIXED STANCHIONS
Opmerkings VASTE STANDERS

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
17-156 971 / 17-161 932 17-162 483 / 17-165 229	1984 - 1985 1984 - 1986

Converted from Omskep van	Date Datum

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device
Koppelaar hidroulies kussinginrigting
SSC Centre sill hydraulic cushioning device
Middelbalk hidroulies kussinginrigting

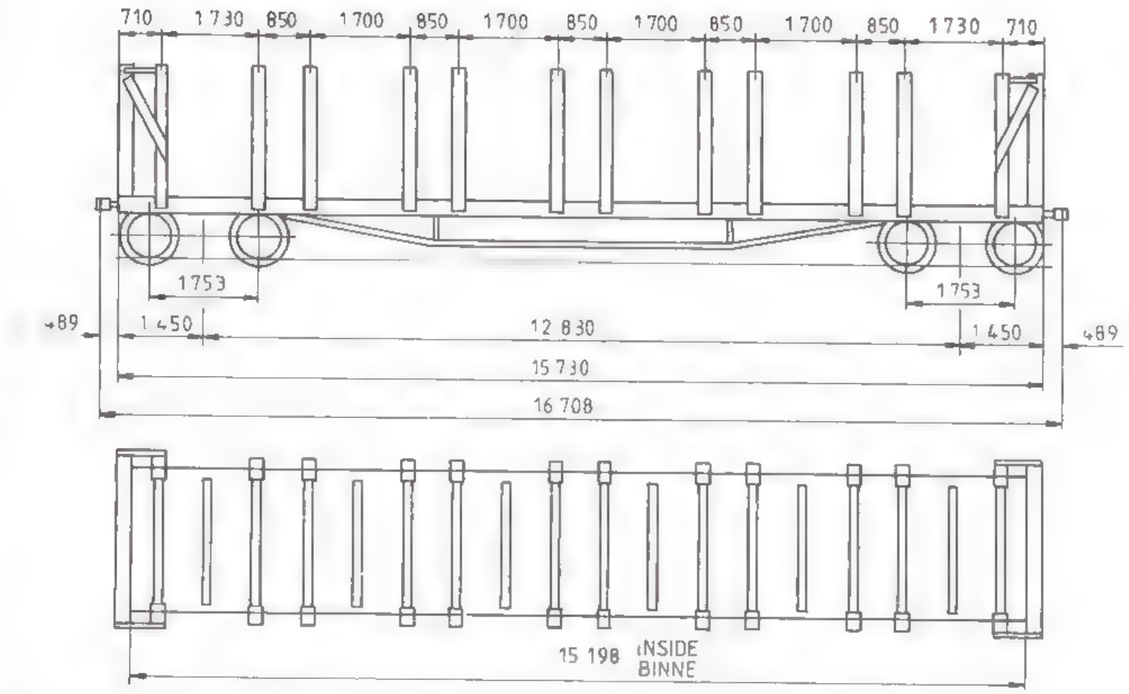
Brake System - Remstelsel
A Dual Power - Automatic
Tweekrag - Outomaties
R Slack Adjuster
Remversteller
V Vacuum
Vakuum
L Air
Lug
D Dual Power - Manually operated
Tweekrag - Handbediening

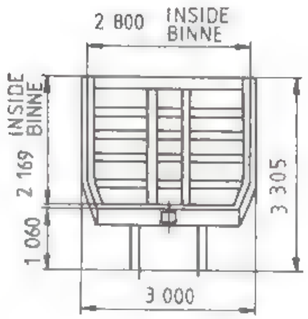
Drawing Number Tekeningnommer		W001 / F034		Centre of Gravity (Empty) Swaartepunt (Leeg)	1 035
Bogie Type Draaisteltipe		HS MK VII			
Bearing Size Laergrootte		D			
Springs per Bogie Vere per Draaistel	Outer / Inner Buite / Binne	10 / 10			
Brake System Remstelsel		L/V/R			
Brake Cylinders Remsilinders		(V) 2 / 18	(L) 1/10 × 12	Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor	80 000
Train Pipe / Treinpyp Brake Pipe / Rempyp		(V) 65	(L) 32	Originally designed for Oorspronklik ontwerp vir	TIMBER HOUT
Brake Percentage Rempersentasie	Empty / Loaded Leeg / Met Vrag	(V) 70,6 / 22,6	(L) 60,7 / 19,5	Converted for Omskep vir	
Drawgear Equipment Trekwerkuitrusting		AAR M901 E		Revision Hersiening	
Coupler / Yoke Koppelaar / Juk		E/E		Date Datum	

Tare (Average) kg Tarra (Gemiddeld)	23 600
Load kg Vrag	50 000
Load (Coal) kg Vrag (Steenkool)	
Floor Area m^2 Vloeroppervlakte	36,4
Capacity m^3 Inhoudsvermoë	92,1

STLJ-7

271





Drawgear Equipment · **Trekwerkuitrusting**

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System - **Remstelsel**

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power-Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remversteller

Remarks / **Opmerkings**: FIXED STANCHIONS / VASTE STANDERS

Drawing Number / Tekeningnommer	W001/F034	
Bogie Type / Draaisteltipe	HS MK VII	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 10	
Brake System / Remstelsel	L/V/R	
Brake Cylinders / Remsilinders	(V) 2 / 18	(L) 1/10 × 12
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) 32
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 70,6 / 22,6	(L) 60,7 / 19,5
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	E/E	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	980
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	80 000
Originally designed for / Oorspronklik ontwerp vir	TIMBER / HOUT
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

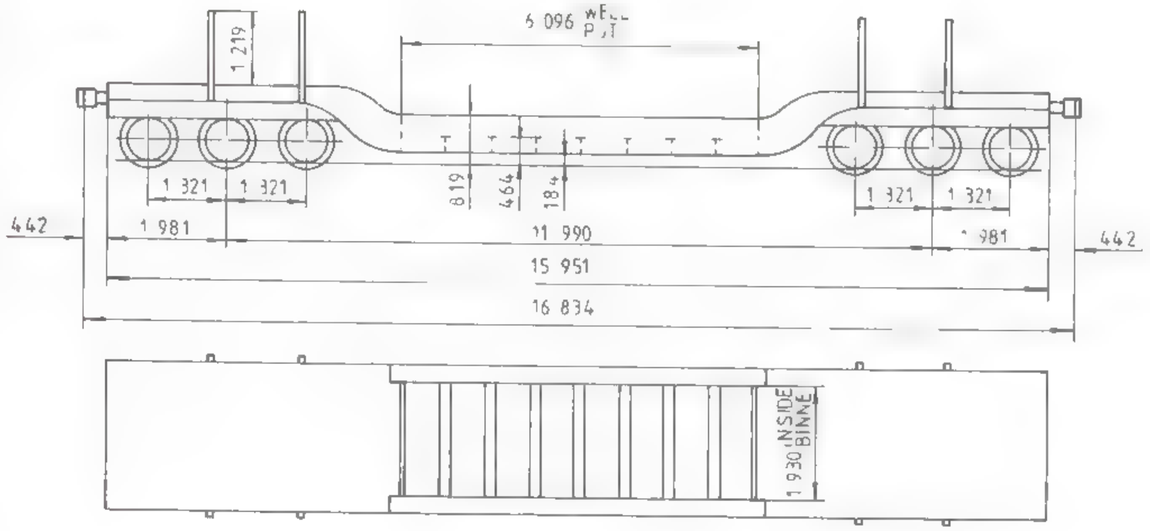
Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
17-166 004 / 17-167 094	1984 - 1986

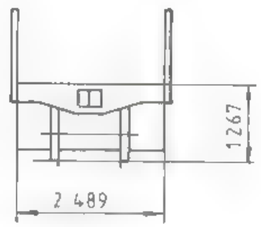
Converted from / Omskep van	Date / Datum
STLJ-7	1990
Tare (Average) kg / Tarra (Gemiddeld) kg	22 000
Load kg / Vrag kg	51 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	36,9
Capacity m^3 / Inhoudsvermoe m^3	92,1

STLJ-8

OZALID 85 2948

272





Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidroulièse kussingrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomatres
R Slack Adjuster / Remversteller

Remarks / Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
16-010 000	1928

Converted from / Omskep van	Date / Datum

Drawing Number / Tekeningnommer	CE No A 1/13486		
Bogie Type / Draaisteltipe	BUCKEYE		
Bearing Size / Laergrootte	11 × 5½		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	16/0		
Brake System / Remstelsel	V		
Brake Cylinders / Remsilinders	(V) 2/21	(L)	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 50/65	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 55,1/17,8	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS		

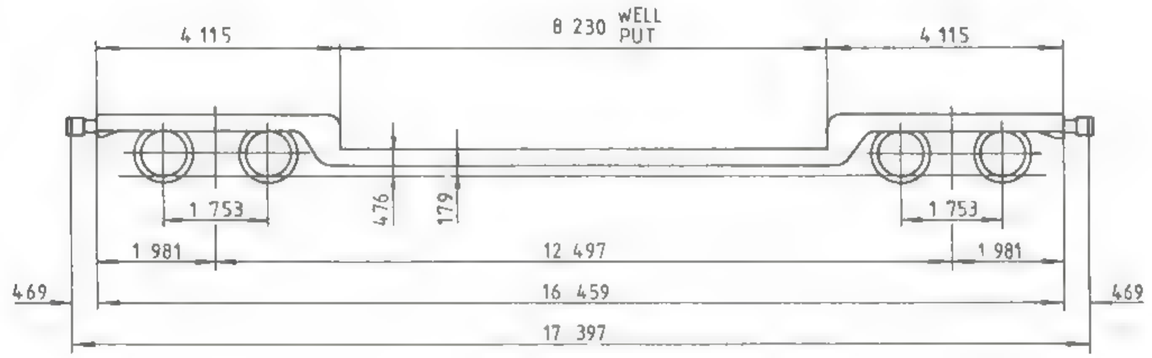
Centre of Gravity (Empty) / Swaartepunt (Leeg)	667
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	101 920
Originally designed for / Oorspronklik ontwerp vir	ABNORMAL LOADS / ABNORMALE VRAGTE
Converted for / Omskep vir	

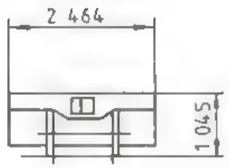
Revision / Hersiening						
Date / Datum						

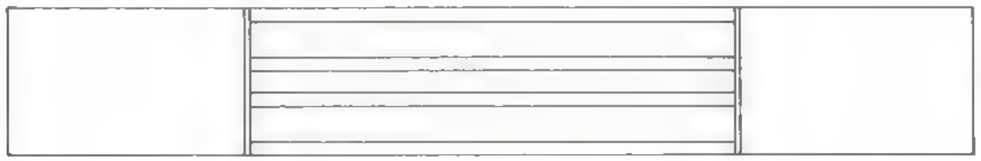
Tare (Average) kg / Tarra (Gemiddeld) kg	32 920
Load (Over all) / Vrag (Oor geheel) kg	69 000
Load (In well) / Vrag (In put) kg	69 000
Floor Area (Over all) m^2 / Vloeroppervlakte (Oor geheel)	—
Floor Area (Over well) / Vloeroppervlakte (Oor put) m^2	—

U-8

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulliese kussingmrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulliese kussingmrigting







Remarks / Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
16 - 011 015	1948

Converted from / Omskep van	Date / Datum

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
■ Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

Drawing Number / Tekeningnommer	W1/10664		
Bogie Type / Draaisteltipe	DIAMOND FRAME / RUITRAAM		
Bearing Size / Laergrootte	11 × 5½		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6/6		
Brake System / Remstelsel	√		
Brake Cylinders / Remsilinders	(V) 2/21	(L)	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 50	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 85 2/31.1	(L)	
Drawgear Equipment / Trekwerkuitrusting	RUBBER		
Coupler / Yoke / Koppelaar / Juk	SASKOP – M /–		

Centre of Gravity (Empty) / Swaartepunt (Leeg)	635
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	68 000
Originally designed for / Oorspronklik ontwerp vir	ABNORMAL LOADS / ABNORMALE VRAGTE
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

Tare (Average) kg / Tarra (Gemiddeld) kg	24 660
Load (Over all) / Vrag (Oor geheel) kg	43 000
Load (In well) / Vrag (In put) kg	24 000
Floor Area (Over all) m² / Vloeroppervlakte (Oor geheel)	—
Floor Area (Over well) / Vloeroppervlakte (Oor put) m²	—

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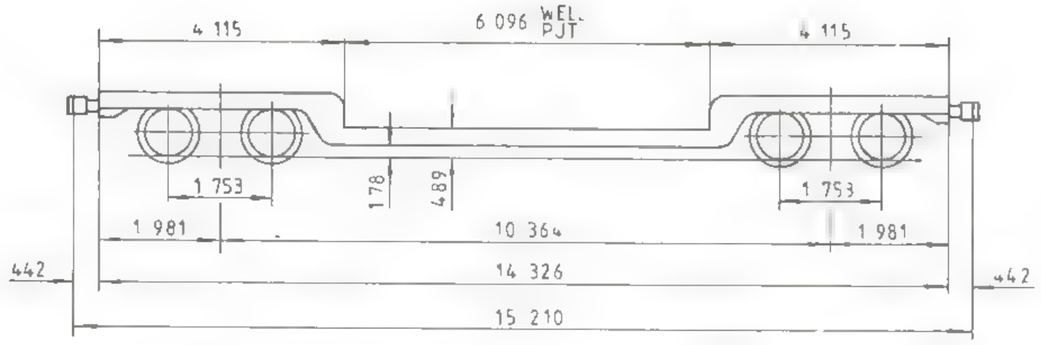

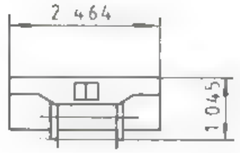

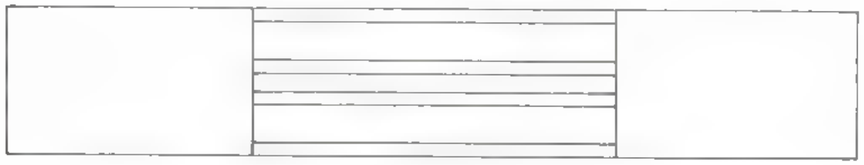

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
A Dual Power - Automatic
Tweekrag - Outomaties
■ Slack Adjuster
Remversteller
V Vacuum
Vakuum
L Air
Lug
D Dual Power - Manually operated
Tweekrag - Handbediening

Remarks
Opmerkings :-

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
16 - 012 003, 16-012 011	1950

Converted from Omskep van	Date Datum

Drawing Number Tekeningnommer	W1/10753		
Bogie Type Draaisteltipe	DIAMOND FRAME RJITRAAM		
Bearing Size Laergrootte	11 × 5½		
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	6/6		
Brake System Remstelsel	V		
Brake Cylinders Remsilinders	(V) 2/21	(L)	
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 50	(L)	
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 88,5 / 30,8	(L)	
Drawgear Equipment Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke Koppelaar / Juk	SASKOP - S / SAR SAS		

Centre of Gravity (Empty) Swaartepunt (Leeg)	660
Design Limit – Mass on Rail kg Ontwerplimiet – Massa op Spoor	69 000
Originally designed for Oorspronklik ontwerp vir	ABNORMAL LOADS ABNORMALE VRAGTE
Converted for Omskep vir	

Revision Hersiening						
Date Datum						

Tare (Average) kg Tarra (Gemiddeld) kg	23 990
Load (Over all) Vrag (Oor geheel) kg	45 000
Load (In wel.) Vrag (In put kg	45 000
Floor Area (Over all) m^2 Vloeroppervlakte (Oor geheel)	—
Floor Area (Over well) Vloeroppervlakte (Oor put) m^2	—

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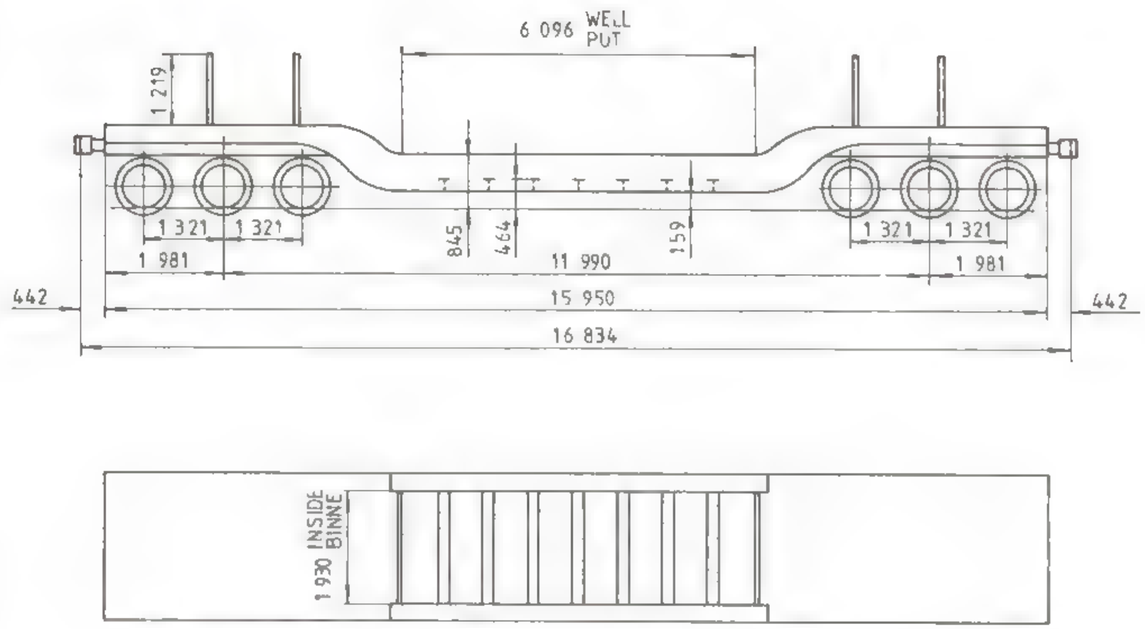
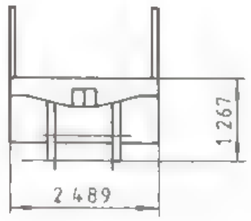
Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller





Remarks
Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
16 - 013 018	1928
16 - 013 026	1939

Converted from / Omskep van	Date / Datum

Drawing Number / Tekeningnommer	CE No. A1/13486		
Bogie Type / Draaisteltipe	BUCKEYE (C.E No. A27/12793)		
Bearing Size / Laergrootte	11 x 5 1/2		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	15/0		
Brake System / Remsteisel	V		
Brake Cylinders / Remsilinders	(V) 2/21	(L)	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 50	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 52,8/15,5	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP S / SAR SAS		

Centre of Gravity (Empty) / Swaartepunt (Leeg)	679
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	117 360
Originally designed for / Oorspronklik ontwerp vir	ABNORMAL LOADS / ABNORMALE VRAGTE
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

Tare (Average) kg / Tarra (Gemiddeld) kg	34 360
Load (Over all) kg / Vrag (Oor geheel) kg	83 000
Load (In well) kg / Vrag (In put) kg	83 000
Floor Area (Over all) m^2 / Vloeroppervlakte (Oor geheel)	—
Floor Area (Over well) m^2 / Vloeroppervlakte (Oor put)	—

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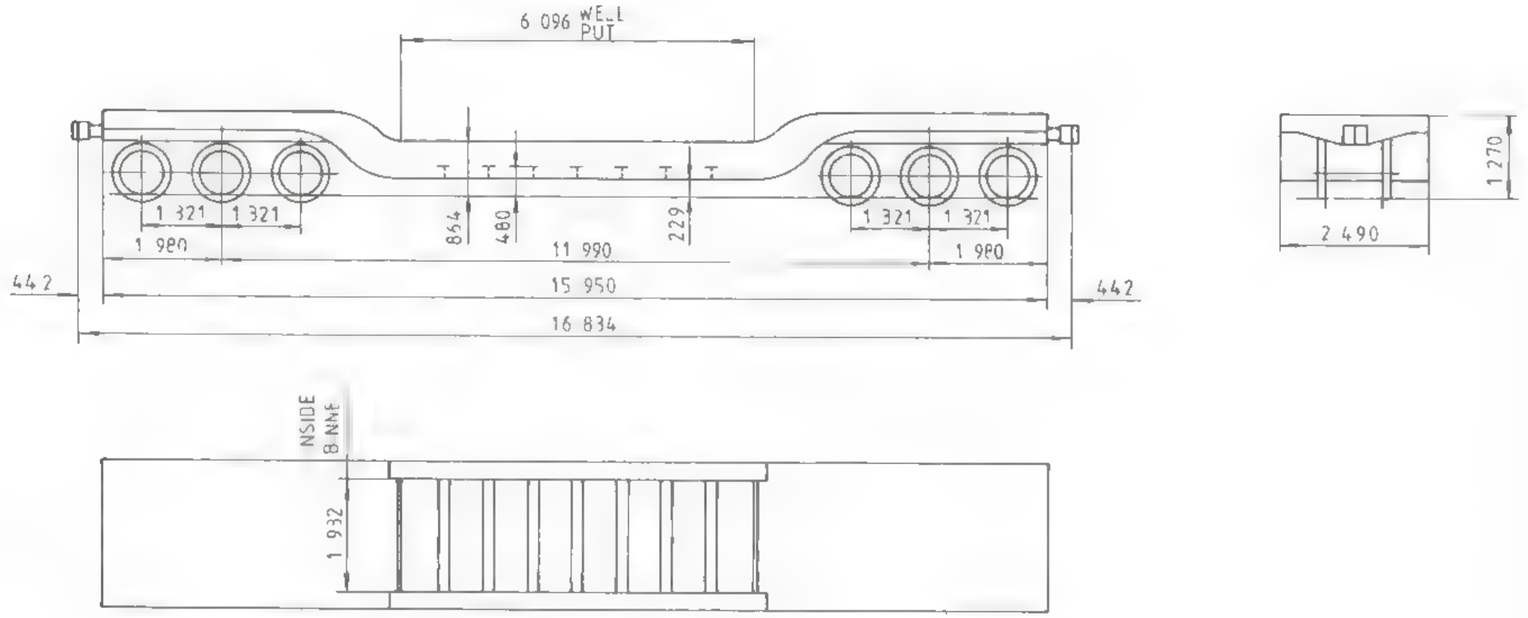
Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
A Dual Power-Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening



Remarks / Opmerkings :- 1 3 AXLE HIGH CAPACITY AS HOË KAPASITEIT (CDO SKETCH SKETS 1139)

Drawing Number / Tekeningnommer	W001/F014	
Bogie Type / Draaisteltipe	1	
Bearing Size / Laergrootte	12 x 6	
Springs per Bogie / Vere per Draaistel	6 ELLIP, 4 COIL SPIRAAL	
Brake System / Remstelsel	V	
Brake Cylinders / Remsilinders	(V) 2/21	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 59,7 / 17,5	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	679
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	117 360
Originally designed for / Oorspronklik ontwerp vir	ABNORMAL LOADS / ABNORMALE VRAGTE
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
16 - 013 034 / 16 - 013 069	1975

Converted from / Omskep van	Date / Datum

Tare (Average) kg / Tarra (Gemiddeld) kg	34 360
Load (Over all) kg / Vrag (Oor geheel) kg	83 000
Load (In well) kg / Vrag (In put) kg	83 000
Floor Area (Over all) m^2 / Vloeroppervlakte (Oor geheel)	—
Floor Area (Over well) m^2 / Vloeroppervlakte (Oor put) m^2	—

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SHEET 2 OF 2 SHEETS
VEL 2 VAN 2 VELLE

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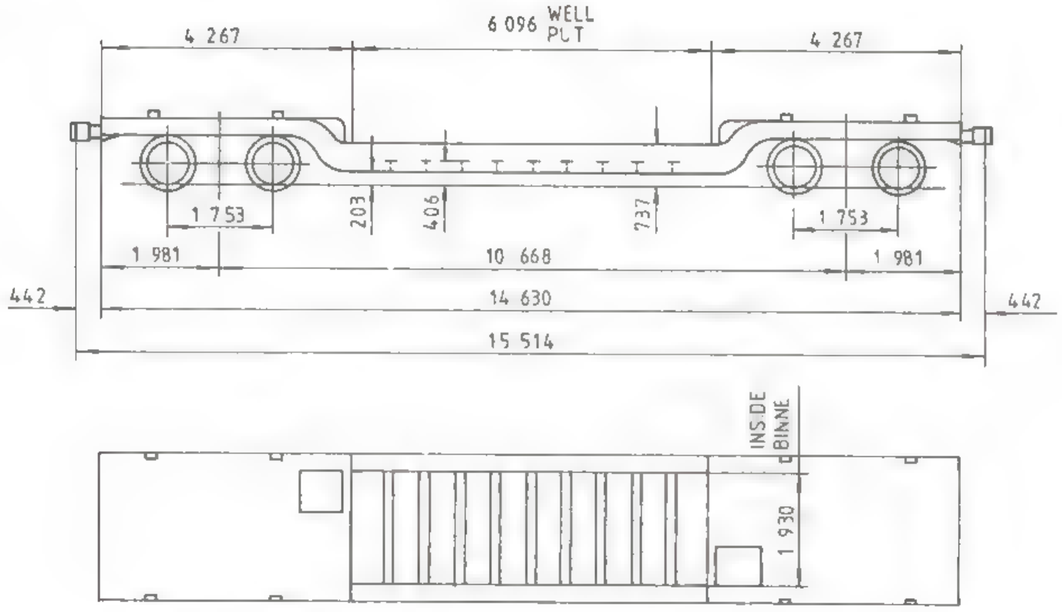
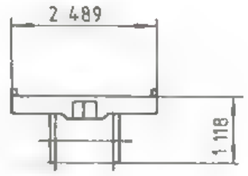
Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller





Remarks
Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
16-014 006, 16-014 014	1955

Converted from / Omskep van	Date / Datum

Drawing Number / Tekeningnommer	CME 101/12-A21
Bogie Type / Draaisteltipe	SARCAST
Bearing Size / Laergrootte	11 × 5½
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	8/0
Brake System / Remstelsel	V
Brake Cylinders / Remsilinders	(V) 2/21 (L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 50 (L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 81,4/28,4 (L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS

Centre of Gravity (Empty) / Swaartepunt (Leeg)	733
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	69 130
Originally designed for / Oorspronklik ontwerp vir	ABNORMAL LOADS / ABNORMALE VRAGTE
Converted for / Omskep vir	

Revision / Hersiening							
Date / Datum							

Tare (Average) kg / Tarra (Gemiddeld) kg	24 130
Load (Over all) kg / Vrag (Oor geheel) kg	45 000
Load (In well) kg / Vrag (In put) kg	45 000
Floor Area (Over all) m^2 / Vloeroppervlakte (Oor geheel) m^2	—
Floor Area (Over well) m^2 / Vloeroppervlakte (Oor put) m^2	—

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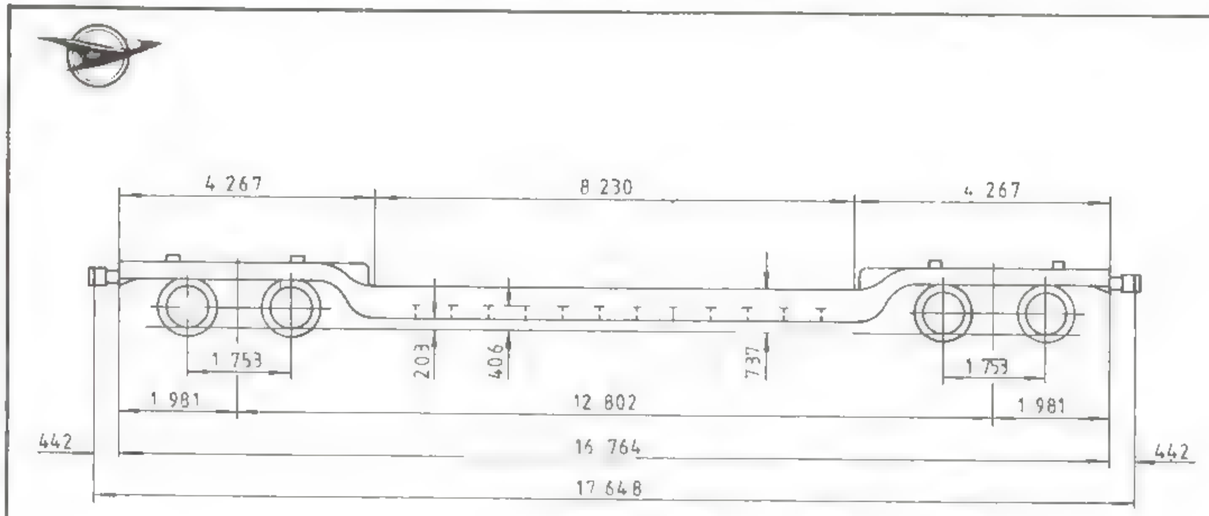

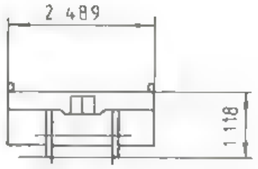

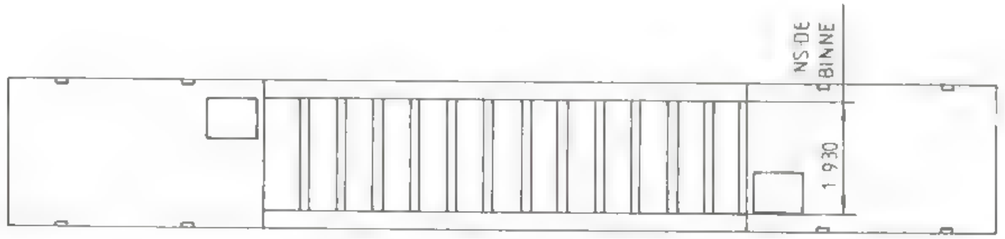

Remarks
Opmerkings :-

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
16-015 002, 16-015 010	1956

Converted from Omskep van	Date Datum

Drawing Number Tekeningnommer	CME 104/12 - A21		
Bogie Type Draaisteltipe	SARCAST		
Bearing Size Laergrootte	11 × 5½		
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	8/0		
Brake System Remstelsel	V		
Brake Cylinders Remsilinders	(V) 2/21	(L)	
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 50	(L)	
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 93,1/32,0	(L)	
Drawgear Equipment Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke Koppelaar / Juk	SASKOP-S / SAR SAS		

Centre of Gravity (Empty) Swaartepunt (Leeg)	720
Design Limit – Mass on Rail kg Ontwerplimiet – Massa op Spoor	72 000
Originally designed for Oorspronklik ontwerp vir	ABNORMAL LOADS ABNORMALE VRAGTE
Converted for Omskep vir	

Revision Hersiening						
Date Datum						

Tare (Average) kg Tarra (Gemiddeld) kg	23 800
Load (Over all) Vrag (Oor geheel) kg	45 400
Load (In well) Vrag (In put) kg	29 500
Floor Area (Over all) m² Vloeroppervlakte (Oor geheel)	—
Floor Area (Over well) m² Vloeroppervlakte (Oor put)	—

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Drawgear Equipment Trekwerkuitrusting
KK Coupler hydraulic cushioning device — Koppelaar hidrouliese kussingnrigting
SSC Centre sill hydraulic cushioning device — Middelbalk hidrouliese kussingnrigting

Brake System - Remstelsel
A Dual Power - Automatic — Tweekrag - Outomaties
R Slack Adjuster — Remversteller
V Vacuum — Vakuum
L Air — Lug
D Dual Power – Manually operated — Tweekrag – Handbediening

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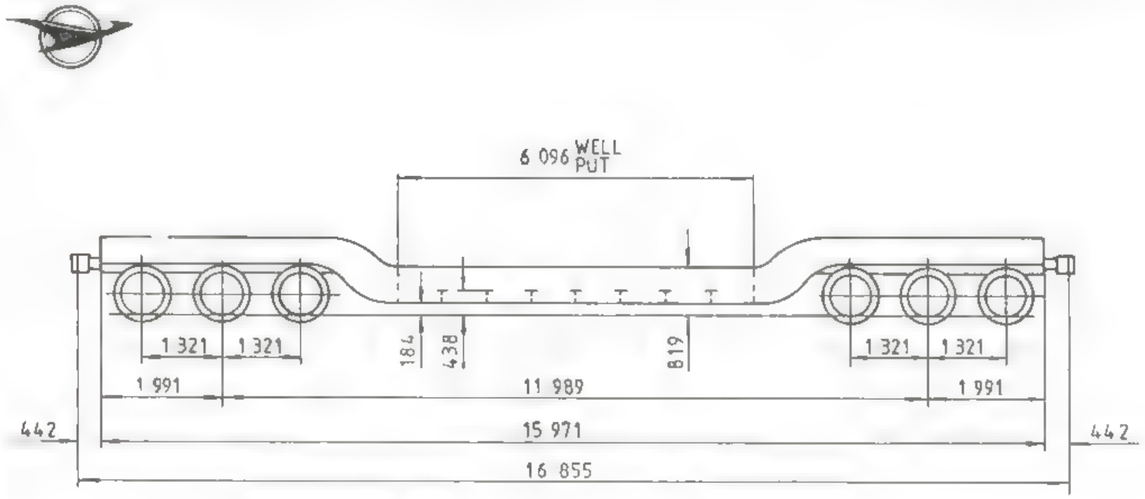

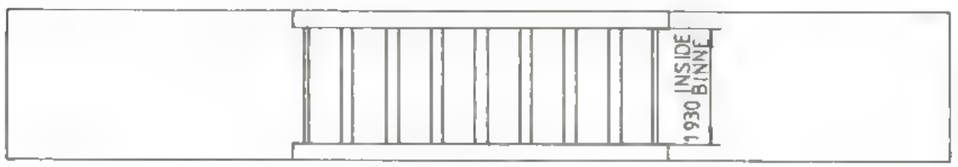

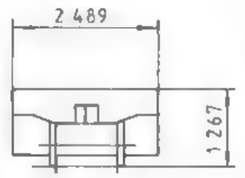

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
◒1 16-016 009 / 16-016 033	1955
◒2 16-016 041	1958
◒2 16-016 068 / 16-016 076	1957
◒2 16-016 084 / 16-016 106	1958

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

Remarks / Opmerkings :-

Drawing Number / Tekeningnommer	W1/10970	
Bogie Type / Draaisteltipe	BUCKEYE	
Bearing Size / Laergrootte	11 × 5½	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	◒1 16/0, ◒2 12/12	
Brake System / Remstelsel	V	
Brake Cylinders / Remsilinders	(V) 2/21	(L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 50	(L)
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 76,3/24,8	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	667
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	102 240
Originally designed for / Oorspronklik ontwerp vir	ABNORMAL LOADS / ABNORMALE VRAGTE
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

Converted from / Omskep van	Date / Datum

Tare (Average) kg / Tarra (Gemiddeld) kg	33 240
Load (Over all) / Vrag (Oor geheel) kg	69 000
Load (In well) / Vrag (In put) kg	69 000
Floor Area (Over all) m² / Vloeroppervlakte (Oor geheel)	—
Floor Area (Over well) / Vloeroppervlakte (Oor put) m²	—

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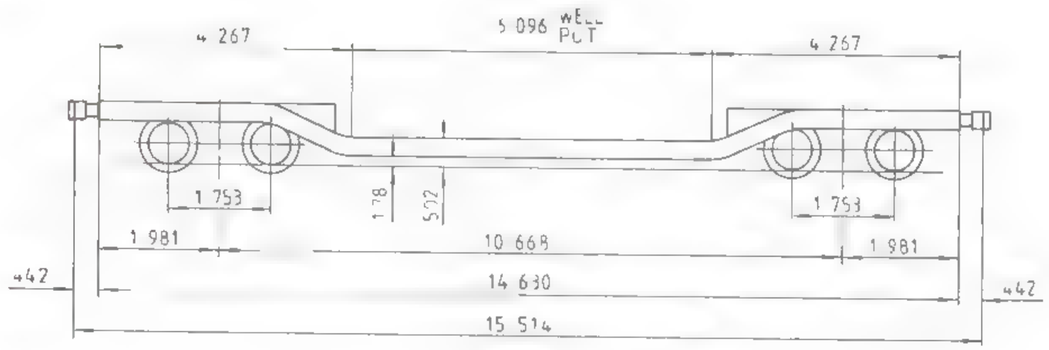

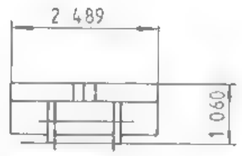

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Remarks / Opmerkings :-

Drawing Number / Tekeningnommer	CME 123/12 A21	
Bogie Type / Draaisteltipe	SARCAST	
Bearing Size / Laergrootte	11 × 5½	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	8 / 0	
Brake System / Remstelsel	v	
Brake Cylinders / Remsilinders	(V) 2 / 21	(L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 50	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 81,1 / 30,1	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	660
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	73 080
Originally designed for / Oorspronklik ontwerp vir	ABNORMAL LOADS / ABNORMALE VRAGTE
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
16-017 005 / 16-017 048	1961

Converted from / Omskep van	Date / Datum

Tare (Average) kg / Tarra (Gemiddeld) kg	27 080
Load (Over all) / Vrag (Oor geheel) kg	46 000
Load (In well) / Vrag (In put) kg	46 000
Floor Area (Over all) m^2 / Vloeroppervlakte (Oor geheel)	—
Floor Area (Over well) m^2 / Vloeroppervlakte (Oor put)	—

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Drawgear Equipment - Trekwerkuitrusting

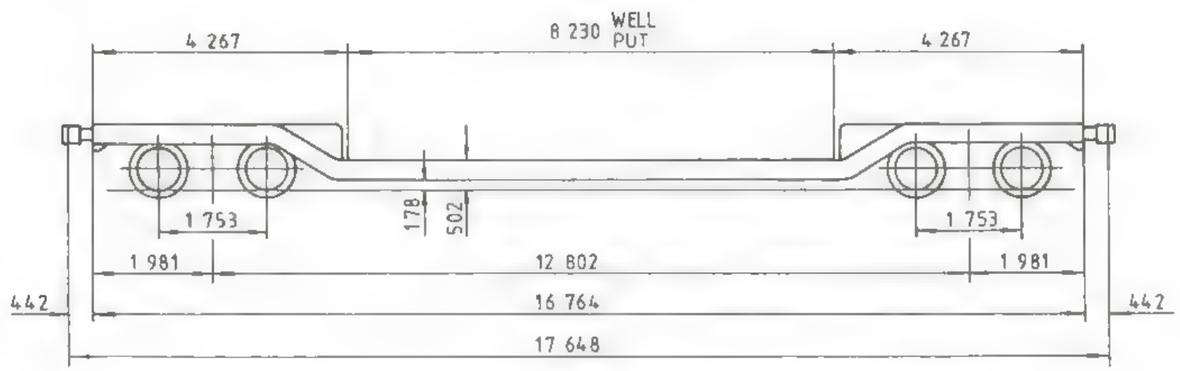
KK Coupler hydraulic cushioning device
Koppelaar hidroulies kussinginrigting

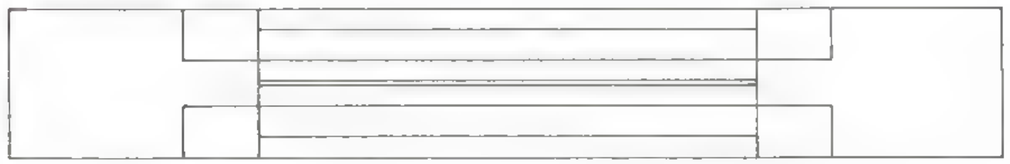
SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

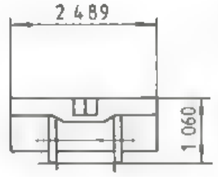
Brake System - Remstelsel

A Dual Power - Automatic
Tweekrag - Outomaties
Slack Adjuster
R Remversteller

V Vacuum
Vakuum
L Air
Lug
Dual Power - Manually operated
Tweekrag - Handbediening







Remarks :- ①1 SARCAST
Opmerkings ①2 SPOORBARBER

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
①1 16-018 001 / 16-018 036	1961
①1 16-018 044 / 16-018 060	1968
①2 16-018 079, 16-018 087	1970

Converted from Omskep van	Date Datum

Drawing Number Tekeningnommer	CME 124/12-A21		
Bogie Type Draaisteltipe	①1 ①2		
Bearing Size Laergrootte	①1 11×5½	①2 D	
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	①1 8/0	①2 10/10	
Brake System Remstelsel	V		
Brake Cylinders Remsilinders	(V) 2/21	(L)	
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50)	(L)	
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 70,37/28,44	(L)	
Drawgear Equipment Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke Koppelaar / Juk	SASKOP - S / SAR SAS		

Centre of Gravity (Empty) Swaartepunt (Leeg)	548
Design Limit – Mass on Rail kg Ontwerplimiet – Massa op Spoor	77 210
Originally designed for Oorspronklik ontwerp vir	ABNORMAL LOADS ABNORMALE VRAGTE
Converted for Omskep vir	

Revision Hersiening						
Date Datum						

Tare (Average) kg Tarra (Gemiddeld)	31 210
Load (Over all) kg Vrag (Oor geheel)	46 000
Load (In well) kg Vrag (In put)	46 000
Floor Area (Over all) m^2 Vloeroppervlakte (Oor geheel)	—
Floor Area (Over well) m^2 Vloeroppervlakte (Oor put)	—

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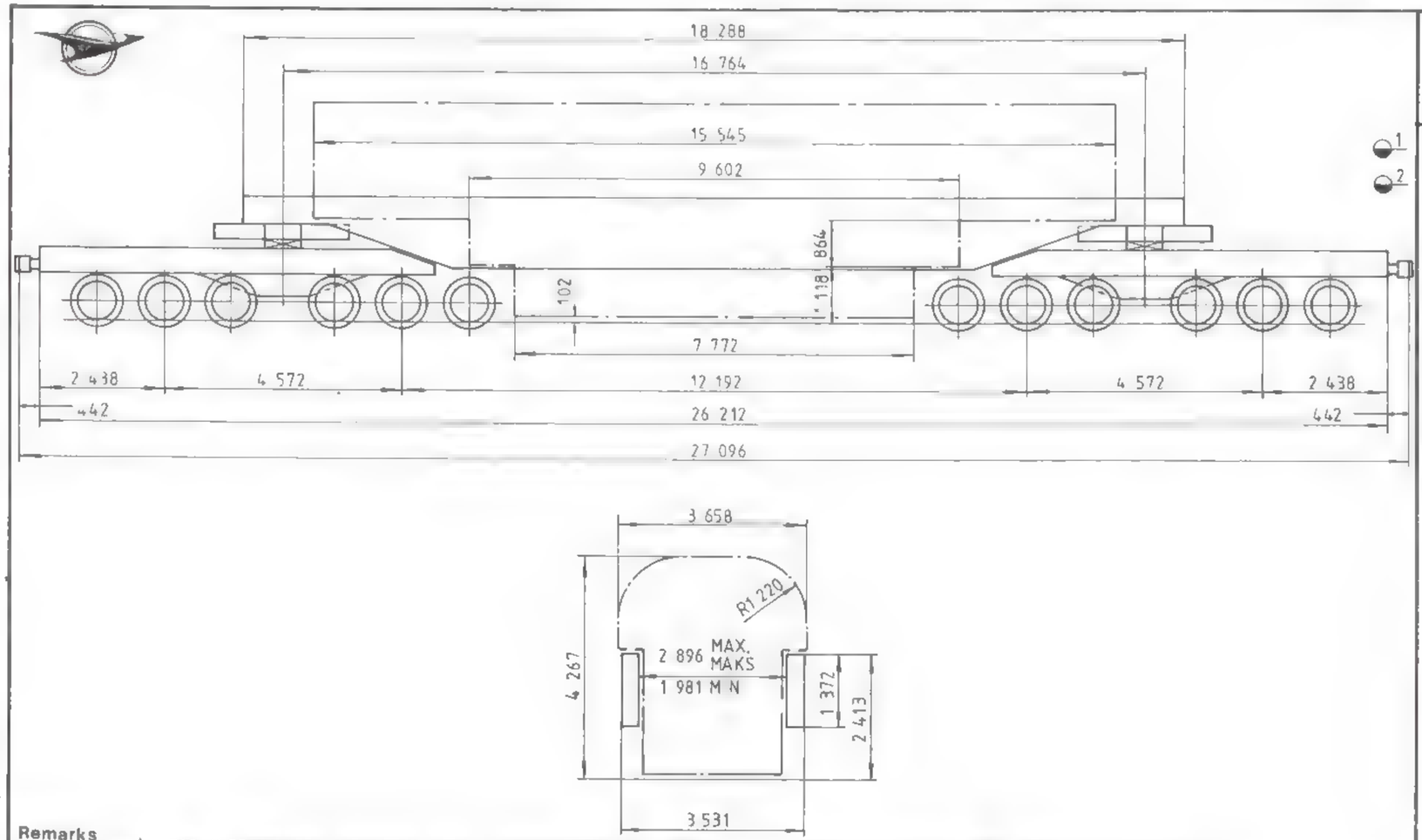

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
16 - 019 008	1958
16 - 019 016	1964
16 - 019 032	1971
16 - 019 024	1975

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

Remarks / Opmerkings

FOR ALTERNATIVE METHODS OF USE, SEE ARRANGEMENTS 2 AND 3 / VIR ALTERNATIEWE METODES VAN GEBRUIK, KYK SAMESTELLE 2 EN 3

SPECIAL LOADING GAUGE SHOWN IN CHAIN DOT / SPESIALE VRAGPROFIEL IN STREEPSTIPPEL AANGETOON

1 GIRDERS BUILT BY / BALKE GEBOU DEUR VECOR (1958)

2 GIRDERS BUILT BY / BALKE GEBOU DEUR ALPHEUS WILLIAMS & DOWSE (1964)

Drawing Number / Tekeningnommer	CME 2335/12-000	
Bogie Type / Draaisteltipe	3 AXLE HIGH CAPACITY / AS HOË KAPASITEIT	
Bearing Size / Laergrootte	12 × 6	
Springs per Bogie / Vere per Draaistel	6 SEMI ELLIP, 4 COIL / KRONKEL	
Brake System / Remstelsel	V	
Brake Cylinders / Remsilinders	(V) 4/21	(L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 43,0/13,3	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke Koppelaar / Juk	SASKOP - S / SAR SAS	

Centre of Gravity (Empty) Swaartepunt (Leeg)	1 141
Design Limit – Mass on Rail kg Ontwerplimiet – Massa op Spoor	245 400
Originally designed for Oorspronklik ontwerp vir	ABNORMAL LOADS ABNORMALE VRAGTE
Converted for Omskep vir	

Revision / Hersiening						
Date / Datum						

Converted from Omskep van	Date Datum

Tare (Average) kg Tarra (Gemiddeld) kg	93 000
Load (Over all) kg Vrag (Oor geheel) kg	152 400
Load (In well) kg Vrag (In put) kg	—
Floor Area (Over all) m^2 Vloeroppervlakte (Oor geheel)	—
Floor Area (Over well) m^2 Vloeroppervlakte (Oor put)	—

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SHEET 1 OF 3 SHEETS
VEL 1 VAN 3 VELLE

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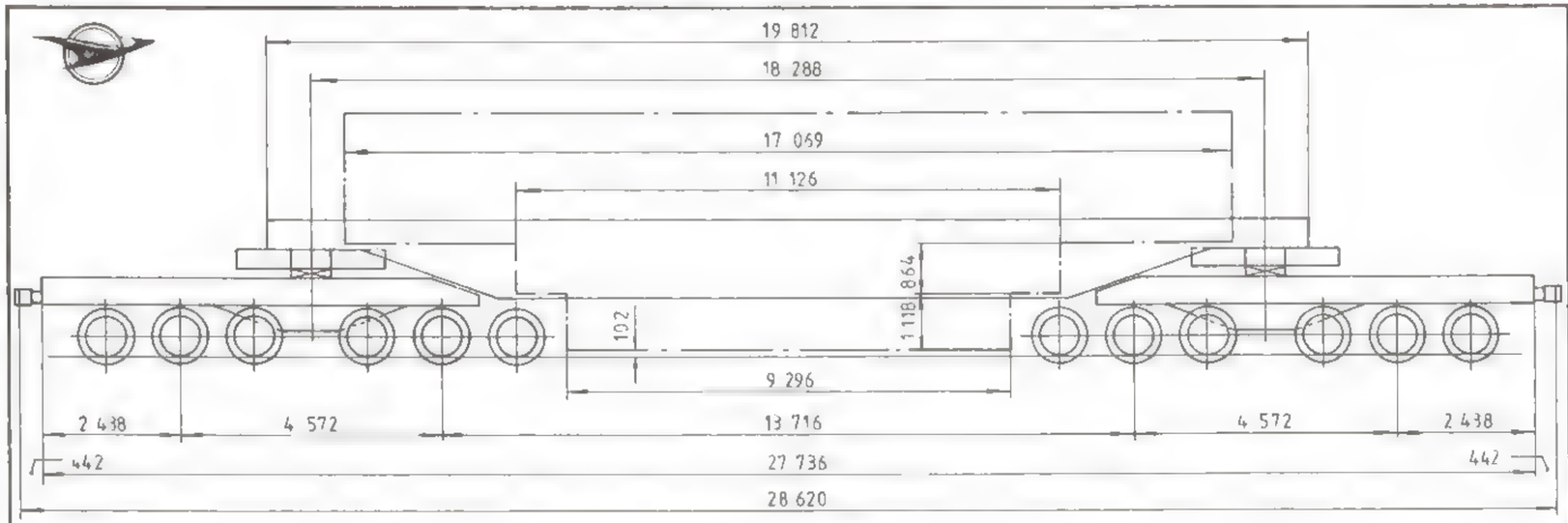
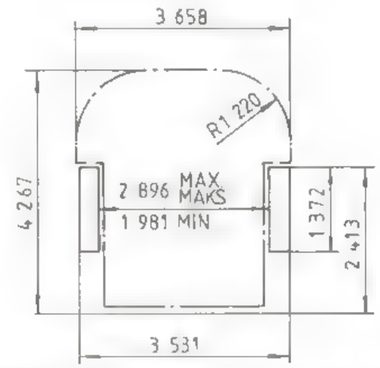
Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussingrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussingrigting





Remarks
Opmerkings - FOR ALTERNATIVE METHODS OF USE, SEE ARRANGEMENTS 1 AND 3
V.R ALTERNATIEWE METODES VAN GEBRUIK KYK SAMESTELLE 1 EN 3

SPECIAL LOADING GAUGE SHOWN IN CHAIN DOT
SPESIALE VRAGPROFIEL IN STREEPSTIPPEL AANGETOON

(1) GIRDERS BUILT BY A.STUART DRG. No. 70/59K-1/2 (1971)
BALKE GEBOU DEUR TEK.

(2) GIRDERS BUILT BY BARLOWS DRG. No. W001/F015 (1975)
BALKE GEBOU DEUR TEK.

Brake System - Remstelsel

A Dual Power - Automatic
Tweekrag - Outomaties
Slack Adjuster
Remversteller

V Vacuum
Vakuum
L Air
Lug
Dual Power - Manually operated
Tweekrag - Handbediening

Drawing Number / Tekeningnommer	(1), (2)	
Bogie Type / Draaisteltipe	3 AXLE HIGH CAPACITY / AS HOË KAPASITEIT	
Bearing Size / Laergrootte	12 × 6	
Springs per Bogie / Vere per Draaistel	6 SEMI ELLIP, 4 COIL / KRONKEL	
Brake System / Remstelsel	V	
Brake Cylinders / Remsilinders	(V) 4/21	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 50/65	(L)
Brake Percentage / Rempersentasie — Empty / Leeg / Loaded / Met Vrag	(V) 38,5/14,5	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP S / SAR SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 214
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	277 000
Originally designed for / Oorspronklik ontwerp vir	ABNORMAL LOADS / ABNORMALE VRAGTE
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem

Converted from / Omskep van	Date / Datum

Tare (Average) kg / Tarra (Gemiddeld) kg	104 000
Load (Over all) kg / Vrag (Oor geheel) kg	173 000
Load (In well) kg / Vrag (In put) kg	—
Floor Area (Over all) m^2 / Vloeroppervlakte (Oor geheel)	—
Floor Area (Over well) m^2 / Vloeroppervlakte (Oor put) m^2	

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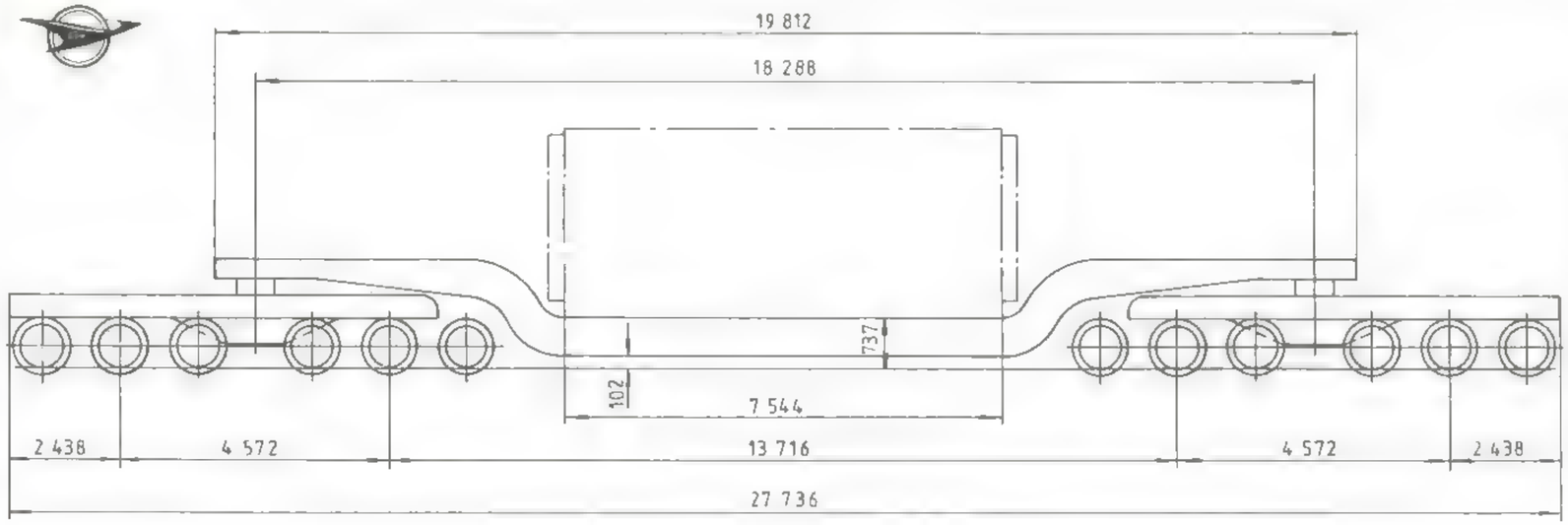

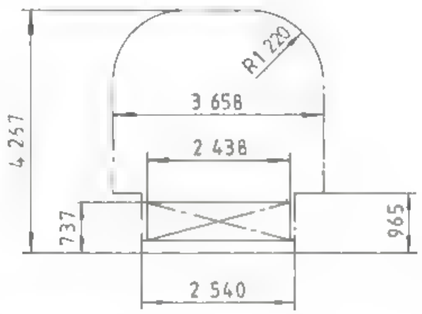

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remverstelier

Remarks / Opmerkings :- FOR ALTERNATIVE METHODS OF USE, SEE ARRANGEMENTS 1 AND 2
VIR ALTERNATIEWE METODES VAN GEBRUIK KYK SAMESTELLE 1 EN 2

SPECIAL LOADING GAUGE SHOWN IN CHAIN DOT
SPESIALE VRAGPROFIEL IN STREEPSTIPPEL AANGETOON

FRAME BUILT BY
RAAM GEBOU DEUR BARLOWS (1967)

Drawing Number / Tekeningnommer	CME 2489/12-000		Centre of Gravity (Empty) / Swaartepunt (Leeg)		Tare (Average) / Tarra (Gemiddeld) kg	99 800
Bogie Type / Draaisteltipe	3 AXLE HIGH CAPACITY / AS HOË KAPASITEIT				Load (Over all) / Vrag (Oor geheel) kg	177 800
Bearing Size / Laergrootte	12 × 6				Load (In wel.) / Vrag (In put) kg	177 800
Springs per Bogie / Vere per Draaistel	6 ELLIP, 4 COIL / KRONKEL				Floor Area (Over all) / Vloeroppervlakte (Oor geheel) m^2	—
Brake System / Remstelsel	V				Floor Area (Over well) / Vloeroppervlakte (Oor put) m^2	—
Brake Cylinders / Remsilinders	(V) 4/21	(L)	Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	277 600		
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 50/65	(L)	Originally designed for / Oorspronklik ontwerp vir	ABNORMAL LOADS / ABNORMALE VRAGTE		
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 40,1/14,4	(L)	Converted for / Omskep vir			
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Hersiening			
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR / SAS		Date / Datum			

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem

Converted from / Omskep van	Date / Datum

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SHEET 3 OF 3 SHEETS
VEL 3 VAN 3 VELLE

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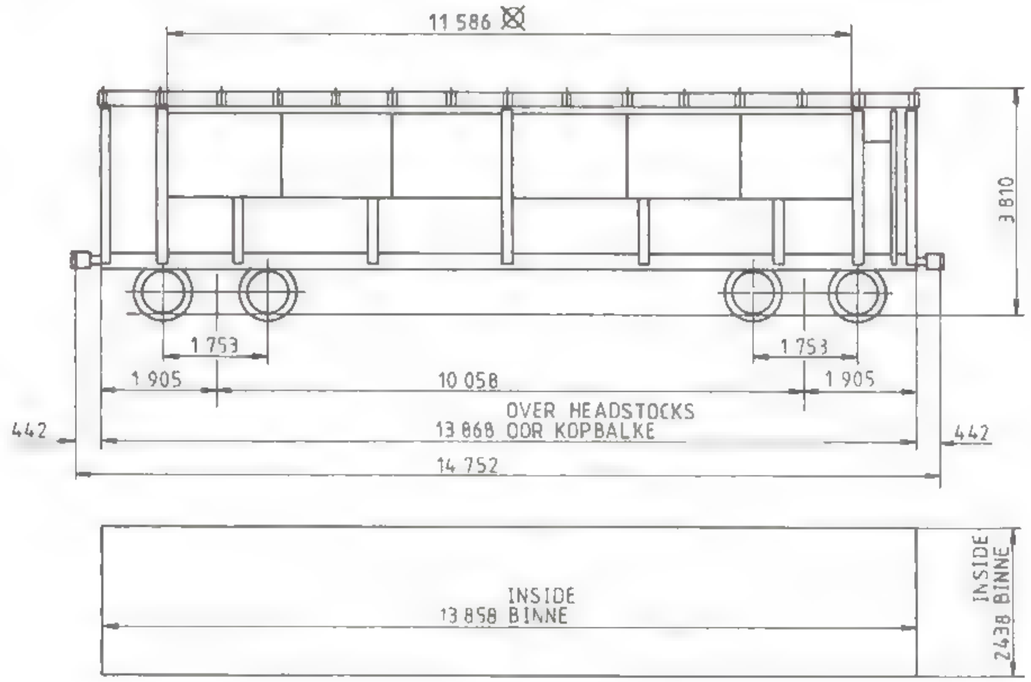
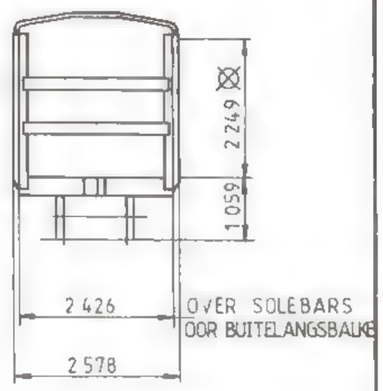




Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussingrigting

SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussingrigting

Brake System - Remstelsel

V Vacuum / Vakuum

L Air / Lug

D Dual Power - Manually operated / Tweekrag - Handbediening

A Dual Power - Automatic / Tweekrag - Outomaties

R Slack Adjuster / Remversteller

Remarks / Opmerkings :- ◒ 93-010 001 WITHOUT WATER AND LIGHTING. / SONDER WATER EN BELIGTING.

⊠ DOOR OPENING / DEUROPENING

Drawing Number / Tekeningnommer	CME 147 / 12 - A21	
Bogie Type / Draaisteltipe	SPOORBARBER	
Bearing Size / Laergrootte	C	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6 / 6	
Brake System / Remstelsel	V	
Brake Cylinders / Remsilinders	(V) 2 / 21	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) ◒ 80,6 / 28,6 77,7 / 28,2	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE
Converted for / Omskep vir	MOTOR CARS (WHITE TRAIN) / MOTORKARRE (WITTREIN)

Revision / Hersiening						
Date / Datum						

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
93 - 010 001 / 93 - 010 079	1943 - 54

Converted from / Omskep van	Date / Datum
DZ - 7	1959

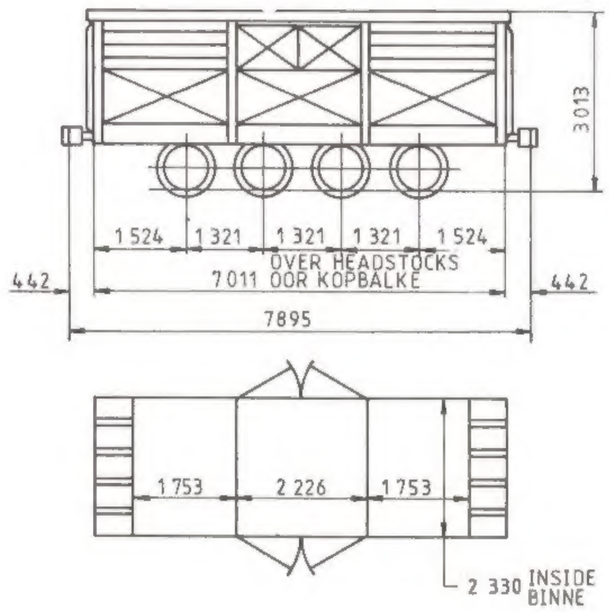
Tare (Average) kg / Tarra (Gemiddeld)	21 460 ◒ 22 260
Load kg / Vrag	39 000
Load (Coal) kg / Vrag (Steenkool)	
Floor Area m^2 / Vloeroppervlakte	33,79
Capacity m^3 / Inhoudsvermoë	81,4

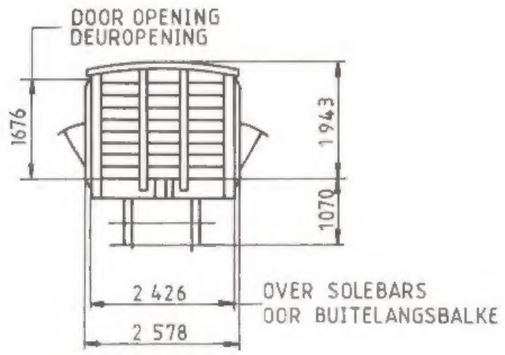
Z - 1

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting





Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
93-013 000, 93-013 019	1941
93-013 027, 93 013 035	1941

Remarks / Opmerkings :-

Brake System - Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Drawing Number / Tekeningnommer	W-1/10036	
Bogie Type / Draaisteltipe		
Bearing Size / Laergrootte	10 X 5	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne		
Brake System / Remstelsel	V	
Brake Cylinders / Remsilinders	(V) 2 / 15	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 50	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V)	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901E	
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	
Originally designed for / Oorspronklik ontwerp vir	WEIGHBRIDGE TEST WAGON / WEEGBRUG- TOETSTROK
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

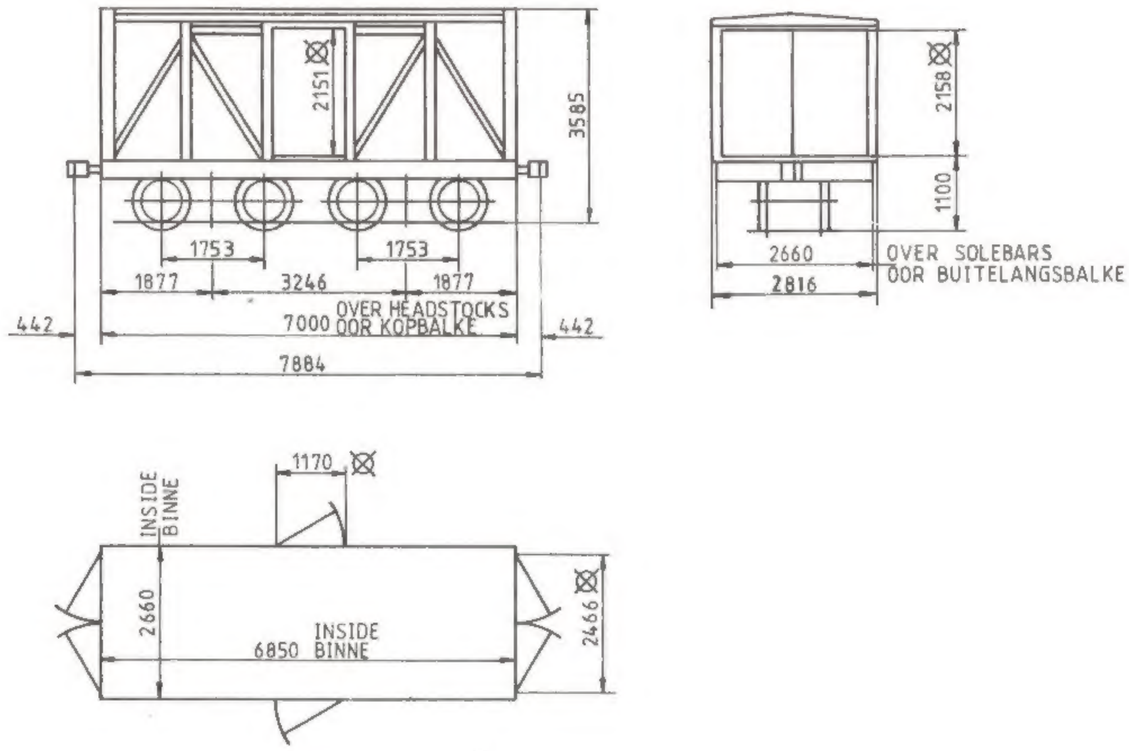
Converted from / Omskep van	Date / Datum

Tare (Average) kg / Tarra (Gemiddeld) kg	15 100
Load kg / Vrag kg	30 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	
Capacity m^3 / Inhoudsvermoë m^3	

Z - 4

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remsteisel
Dual Power - Automatic / Tweekrag - Outomaties
A Slack Adjuster / Remversteller
R
Vacuum / Vakuum
V Air / Lug
L Dual Power - Manually operated / Tweekrag - Handbediening
D



Remarks / Opmerkings :-
ALLOCATION OF WAGONS : TOEKENNING VAN TROKKE.
(1) DIVISION OF WEIGHTS AND MEASURES: AFDELING MATE EN GEWIGTE.
93-016 018, 93-016 026, 93-016 034, 93-016 042, 93-016 050, 93-016 069
(2) S.A.R. SUPERVISOR (SCALES): S.A.S. OPSIENER (SKALE)
93-016 077, 93-016 085, 93-016 093, 93-016 107.

⊠ DOOR OPENING / DEUROPENING

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
93-016 018 / 93-016 107	1972

Converted from / Omskep van	Date / Datum

Drawing Number / Tekeningnommer	W001 / G 001		
Bogie Type / Draaisteltipe	HS MK III		
Bearing Size / Laergrootte	D		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 4		
Brake System / Remstelsel	V		
Brake Cylinders / Remsilinders	(V) 2 / 18	(L)	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 87,7 / 35	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M901E		
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS		

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1155
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	
Originally designed for / Oorspronklik ontwerp vir	WEIGHBRIDGE TEST WAGON / WEEGBRUG-TOETSTROK
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

Tare (Average) kg / Tarra (Gemiddeld) kg	20 000
Load kg / Vrag kg	30 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	18,2
Capacity m^3 / Inhoudsvermoë m^3	

Z-7